



VALVE CONNECTORS

• GENERAL FEATURES:

Cable Gland :

PG7: Ø CABLE 4-6mm
PG9 : Ø CABLE 6-8mm.
PG11 : Ø CABLE 6-10mm.
1/2" NPTF : Ø CABLE 8-10mm.
SK(G1) : Ø CABLE 4-8.6mm.
SK(M1-M2) : Ø CABLE 4-8.6mm.
SK(P1-P2) : Ø CABLE 3.5-5.5mm.

Conductor cross section :

0.50(20AWG)...1.50mm²(16AWG).

Fixing system :

Central fixing screw.

Max. screw torque IEC60947-1

(Central fixing screw) :
 G1-G4-M1-M2-P2 series: Max. 0.5 N*m.
 P1 series: Max. 0.4 N*m.

Type of terminations :

Screw(with protection plate).

Contact material and treatment :

Brass + Silver plated.

Max. contact screw torque IEC60947-1 :

G1-G4-M1-M2 series: Max. 0.5 N * m.
 P1-P2 series: Max. 0.4 N * m.

Housing material :

PA66 UL94-V2 standard.
 PA66 UL94 -V0 ATEX approved.
 PA66 UL94 -V0 UL approved.

Internal core material :

PA66 UL94-V2 standard.
 PA66 UL94-V0 ATEX approved.
 PA66 UL94-V0 UL approved.

Flammability resistance :

UL94-V2 - Standard.
 UL94 V0 ATEX approved.
 UL94-V0 - UL approved.

Protection class :

IP 65 / 66 / 67 (assembled).

Operating temperature :

-40°C +90°C Standard (with NBR gasket).
 -40°C +125°C Standard (Black with Silicone gasket).
 -20°C +85°C Atex approved.
 -40°C +65°C (Transparent or Black) ULapproved(-UL).
 -40°C +90°C (Black) ULapproved (-UL1).
 -40°C +120°C (Black) ULapproved (-UL4).

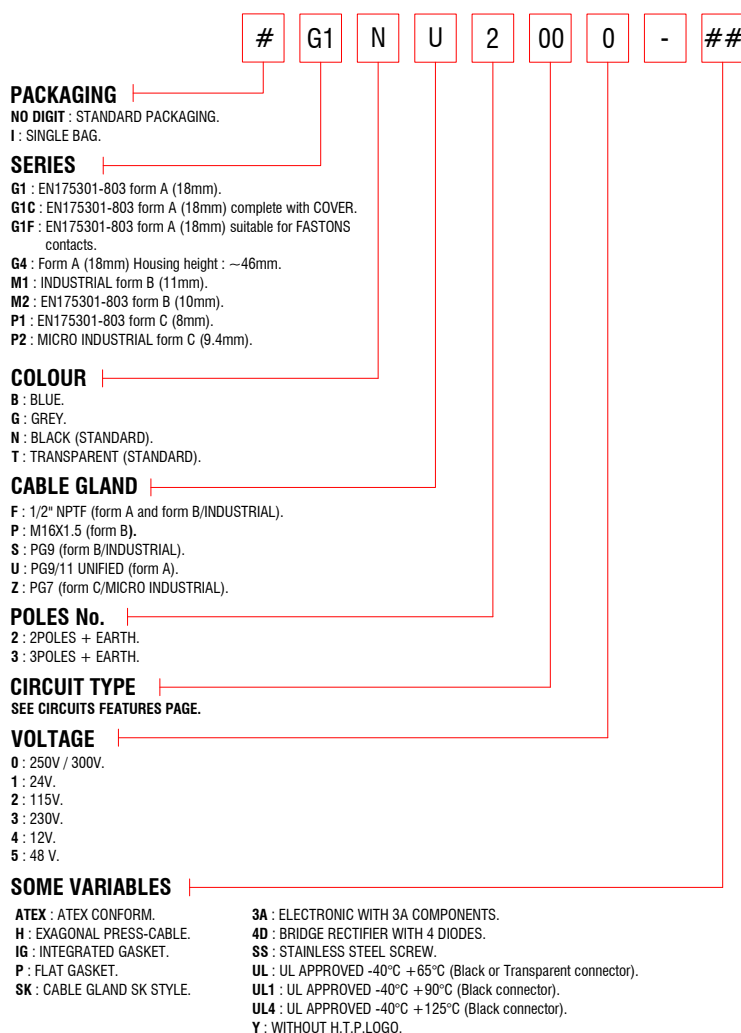
Nominal current :

G1-G4-M1-M2 series: 10A.
 P1-P2 series: 6A.

Max contact current :

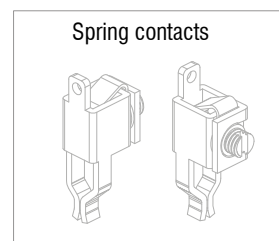
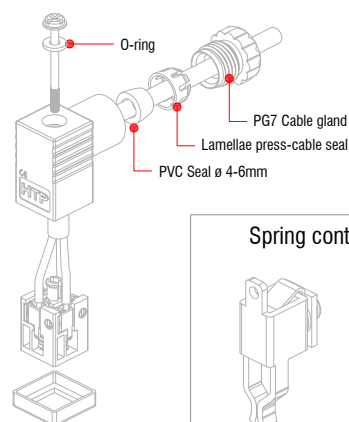
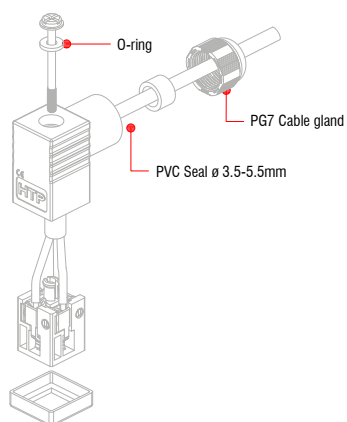
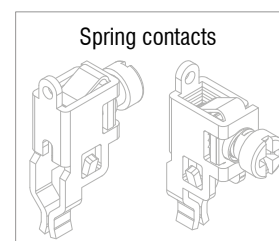
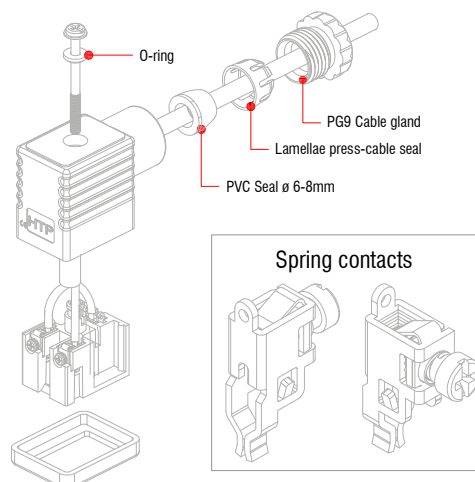
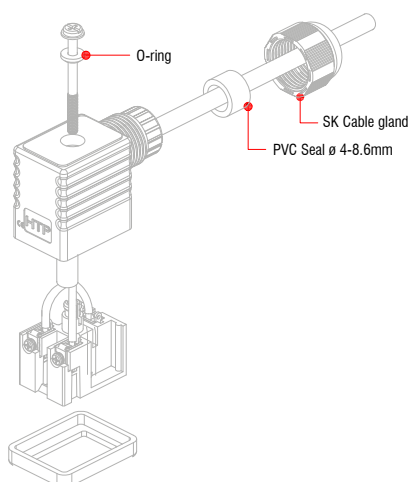
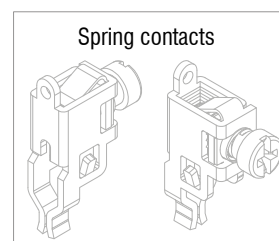
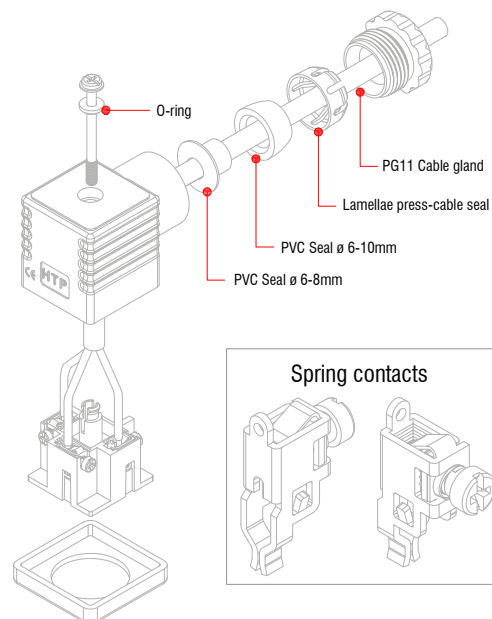
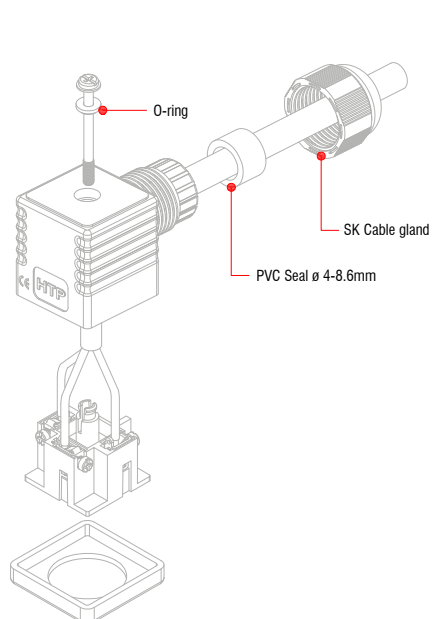
G1-G4-M1-M2 series: 16A
 P1-P2 series: 10A.
 G1-G4-M1-M2 ATEX series: 10A*
 P1-P2 series: 6A*.

*Max current permanent ammissible for one contacts pair.



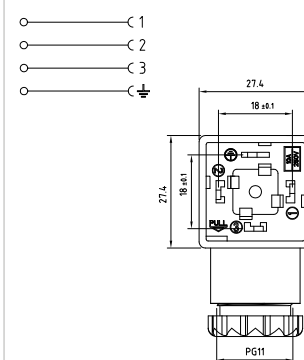
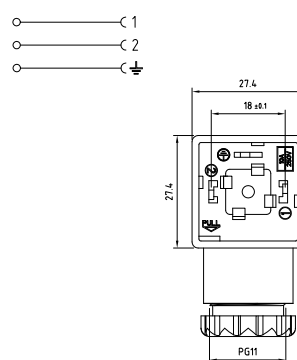
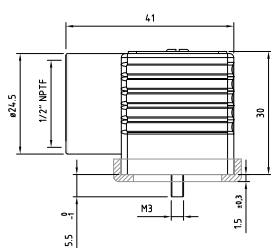
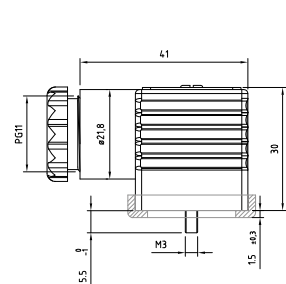
VALVE CONNECTORS

Field attachable connectors - General features and codification scheme





Technical drawing

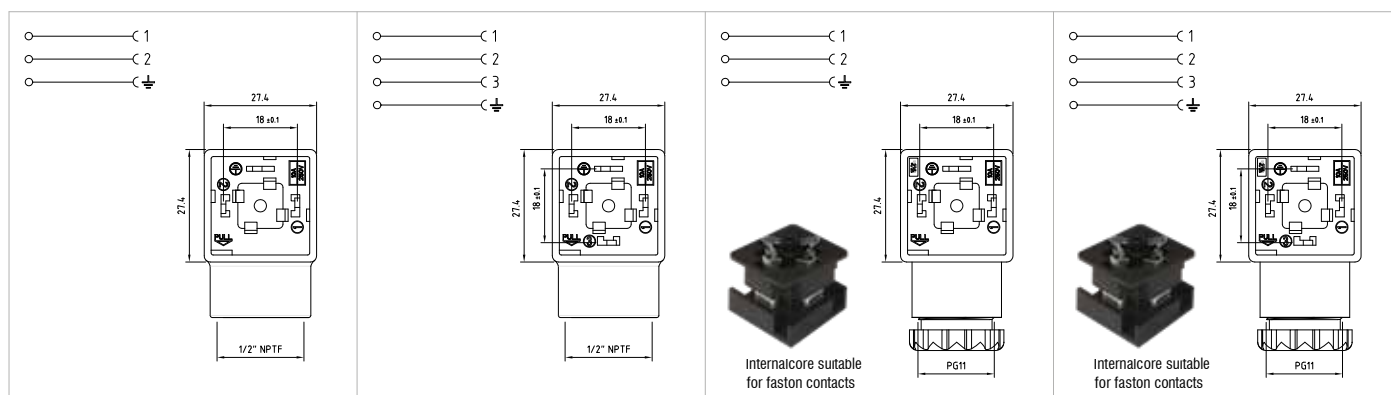


Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	G1NU2000	G1NU3000
Description	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG11	PG11
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	ø cable 6-10mm	ø cable 6-10mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:		
	Connector with Grey Housing: P/N G1GU2000	Connector with Grey Housing: P/N G1GU3000

VALVE CONNECTORS

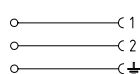
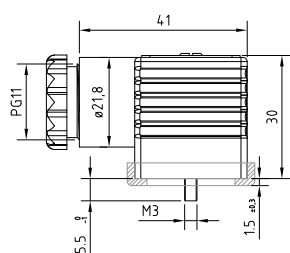
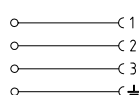
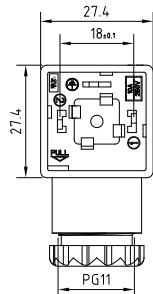
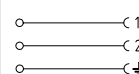
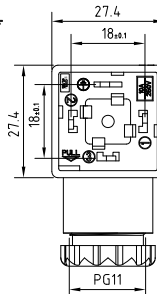
Field attachable connectors - Form A
EN175301-803(DIN43650)



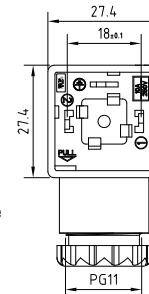
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1NF2000 Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	G1NF3000 Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	G1FNU2000 Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.	G1FNU3000 Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.
18mm	18mm	18mm	18mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
1/2" NPTF	1/2" NPTF	PG11	PG11
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Female Faston contacts 6.3 x 0.8mm	Female Faston contacts 6.3 x 0.8mm
0.5 N*m	0.5 N*m	-	-
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
-	-	-	-
-	-	-	-
ø cable 8-10mm	ø cable 8-10mm	ø cable 6-10mm	ø cable 6-10mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
50pcs / box	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector with Grey Housing: P/N G1GF2000 Connector without press-cable screw	Connector with Grey Housing: P/N G1GF3000 Connector without press-cable screw	Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8	Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8



Technical drawing

Internalcore suitable
for faston contacts



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1NU2000-UL	G1NU3000-UL	G1FNU2000-UL
Description	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1F series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Black
Housing height	30mm	30mm	30mm
Cable gland	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts	Female Faston contacts 6.3 x 0.8mm
Contact screw torque	0.5 N*m	0.5 N*m	-
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Suitable cable	ø cable 6-10mm	ø cable 6-10mm	ø cable 6-10mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

Qty/Box	50pcs / box	50pcs / box	50pcs / box
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Other accessories options

See accessories section

Notes:

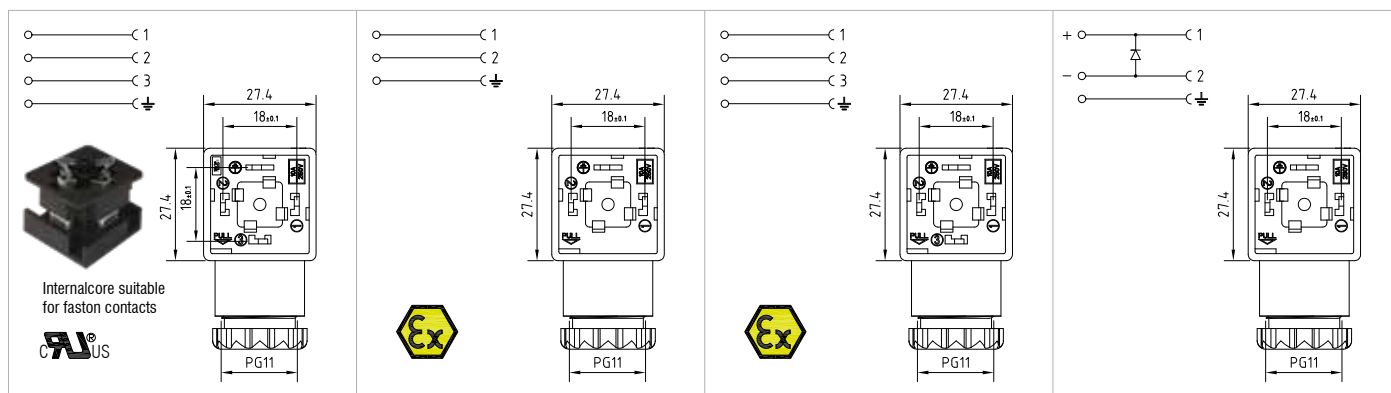
Connector available with different circuits

Connector available with different circuits

Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8

VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1FNU3000-UL Square connector G1F series, ULapproved, complete with gasket and fixing screw. Connector without electronic.	G1NU2000-ATEX Square connector G1 series,ATEX conform, complete with gasket and fixing screw. Connector without electronic.	G1NU3000-ATEX Square connector G1 series,ATEX conform, complete with gasket and fixing screw. Connector without electronic.	G1NU2D03 Square connector G1 series complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm	18mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket

Technical data

Female Faston contacts 6.3 x 0.8mm	Screw contacts	Screw contacts	Screw contacts
-	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	230V AC/ 300VDC	230V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 6-10mm	ø cable 6-10mm	ø cable 6-10mm	ø cable 6-10mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron + Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	50pcs / box
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Other accessories options

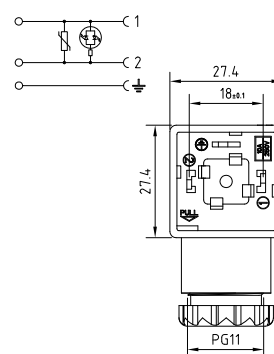
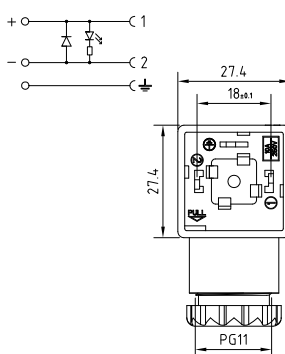
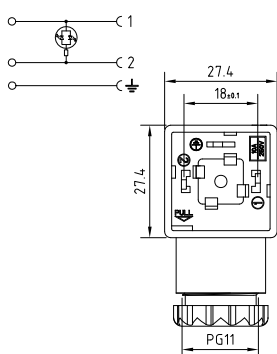
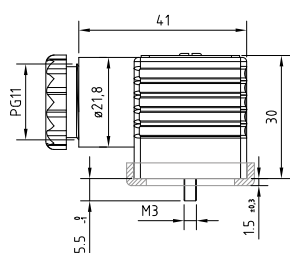
See accessories section

Notes:

Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	A			A			A		
Part number	G1TU2L01	G1TU2L02	G1TU2L03	G1TU2DL1	G1TU2DL2	G1TU2DL3	G1TU2VL1	G1TU2VL2	G1TU2VL3
Description	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	18mm			18mm			18mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent			Transparent		
Housing height	30mm			30mm			30mm		
Cable gland	PG9/PG11 unified			PG9/PG11 unified			PG9/PG11 unified		
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		

Technical data

Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m			0.5 N*m		
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		
Suitable cable	ø cable 6-10mm			ø cable 6-10mm			ø cable 6-10mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m		

Packaging

Qty/Box	50pcs / box			50pcs / box			50pcs / box		
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Other accessories options

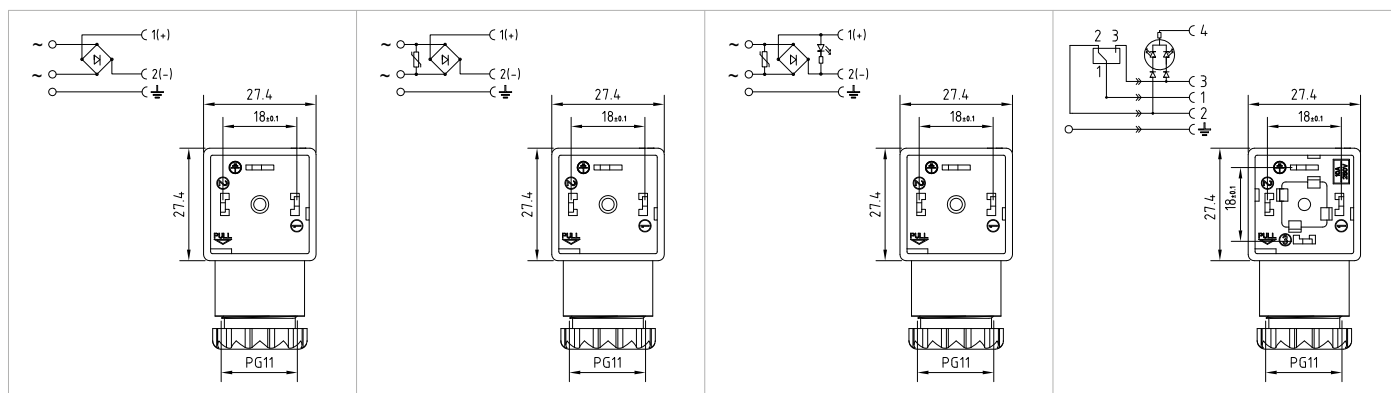
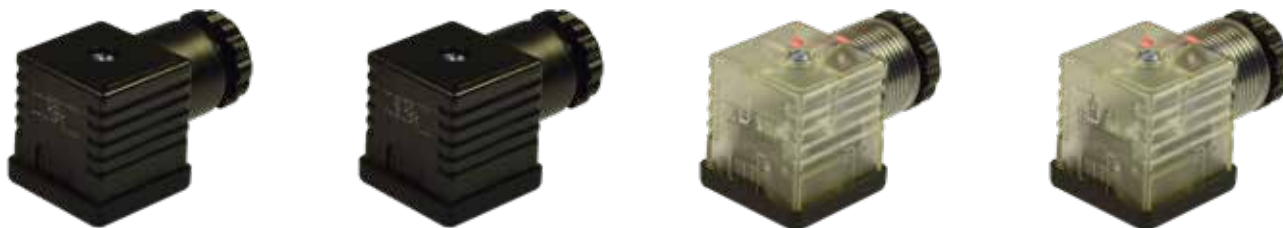
See accessories section

Notes:

Connector available with different led colour

VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1NU2R03	G1NU2RV1 G1NU2RV2 G1NU2RV3	G1TU2RL1 G1TU2RL2 G1TU2RL3	G1TU3Q01 G1TU3Q02 G1TU3Q03
Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm	18mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	3poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Transparent	Transparent
30mm	30mm	30mm	30mm
PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
1-230V AC	24V AC 115V AC 230V AC	24V AC 115V AC 230V AC	24V DC 115V DC 230V DC
Full-Wave Bridge Rectifier (1A)	Full-Wave Bridge Rectifier + Varistor	Full-Wave Bridge Rectifier + Varistor + Led	Bicolour Led + no.2 Diodes (1A)
-	-	Red	Red (pin 2) ; Green (pin3)
ø cable 6-10mm	ø cable 6-10mm	ø cable 6-10mm	ø cable 6-10mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	50pcs / box	50pcs / box	50pcs / box
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Other accessories options

See accessories section

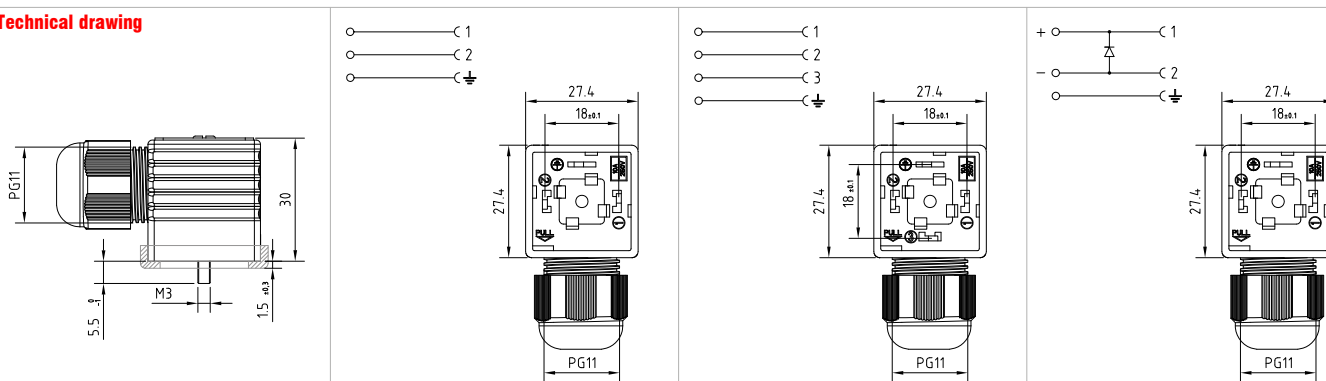
Notes:

Connector available with different led colour

Connector available with different led connection:
Q8 circuit (Green pin 2; Red pin 3)
Q1 circuit (Yellow pin 2; Green pin 3)



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1NU2000-SK	G1NU3000-SK	G1NU2D03-SK
Description	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Black
Housing height	30mm	30mm	30mm
Cable gland	SK- PG11	SK- PG11	SK- PG11
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	Diode(1A)
Led colour	-	-	-
Suitable cable	Ø cable 4-8.6mm	Ø cable 4-8.6mm	Ø cable 4-8.6mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

Qty/Box	50pcs / box	50pcs / box	50pcs / box
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Other accessories options

See accessories section

Notes:

VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)



Product description		
DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803
A	A	A
G1TU2L01-SK G1TU2L02-SK G1TU2L03-SK	G1TU2DL1-SK G1TU2DL2-SK G1TU2DL3-SK	G1TU2VL1-SK G1TU2VL2-SK G1TU2VL3-SK
Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm
2poles + P.E.	2poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Transparent	Transparent	Transparent
30mm	30mm	30mm
SK- PG11	SK- PG11	SK- PG11
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m
24V AC/DC 115V AC/DC 230V AC/DC	24V DC 115V DC 230V DC	24V AC/DC 115V AC/DC 230V AC/DC
Bipolar Led	Led + Diode(1A)	Bipolar Led + Varistor
Red	Red	Red
ø cable 4-8.6mm	ø cable 4-8.6mm	ø cable 4-8.6mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m
Packaging		
50pcs / box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:		
Connector available with different led colour		



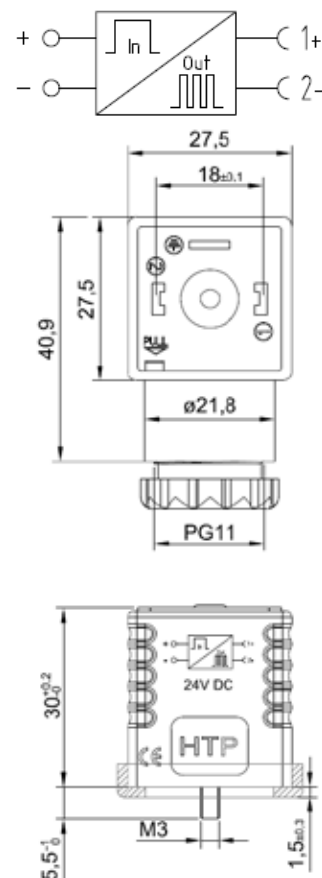
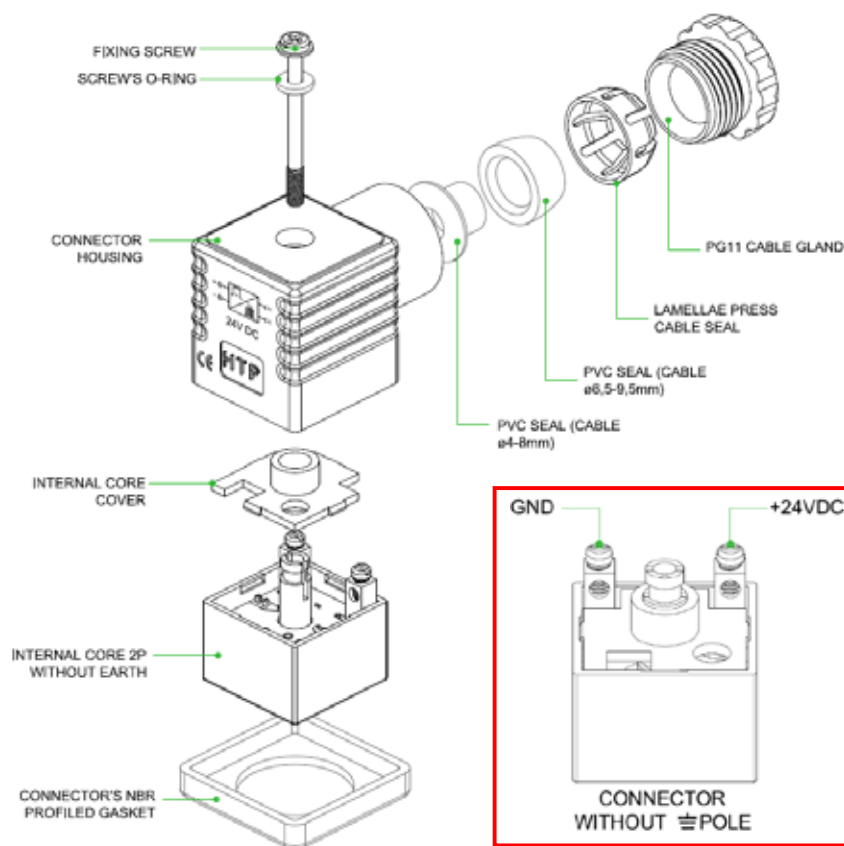
GENERAL SPECIFICATIONS

THE FOLLOWING FEATURES REFER TO THE PARTS CURRENTLY IN PRODUCTION OR TO THE PARTS WHOSE PRODUCTION HAS ALREADY BEEN FINALIZED. USED OR MAXIMUM POWER OR PERCENTAGE OF REDUCTION AS WELL AS "BOOST" TIMINGS OR OTHER FEATURES

ELECTRICAL FEATURES

OPERATING VOLTAGE	24 V DC
ENERGY SAVING ON VALVE	60% OF NOMINAL POWER
MAX POWER TO VALVE	48 W
POWER PARTIALIZED PHASE	40% MAX POWER
MAX CURRENT	2 A
BOOST TIME	400 ms
PWM WORKING FREQUENCY	20 KHz
CONNECTOR TEMPERATURE RANGE	-40 °C +90 °C

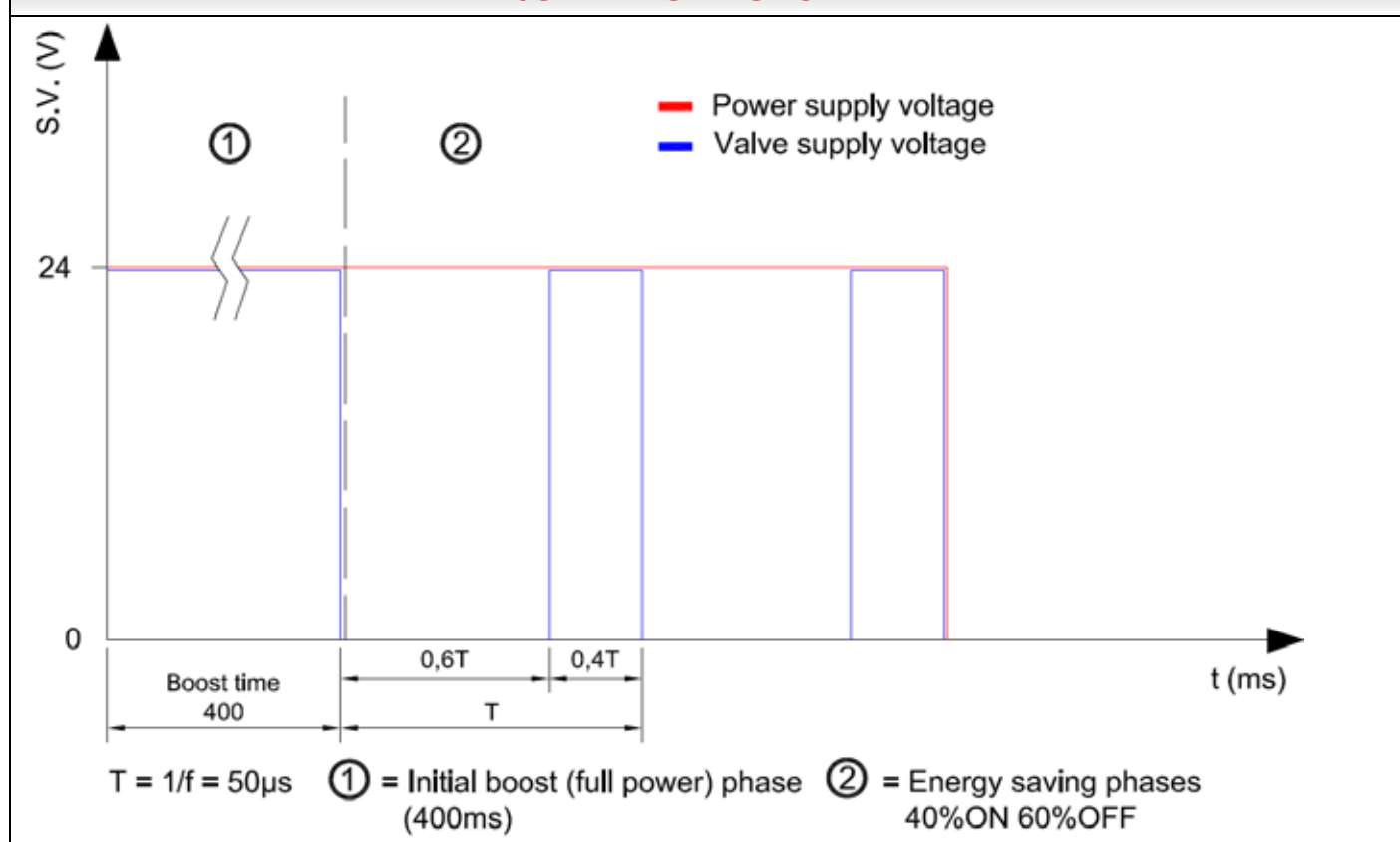
CONNECTOR DRAWING



VALVE CONNECTORS

Field attachable connectors - Form A
EN175301-803(DIN43650)

SUPPLY VOLTAGE CHART



ELECTRICAL PROTECTION

- NO OVERVOLTAGE GENERATION ON SUPPLY LINE
- PROTECTED AGAINST INCORRECT POLARITY CONNECTION

ADVANTAGES OF ENERGY SAVING

- REDUCTION BY 60% OF ENERGY CONSUMPTION
- REDUCTION BY 60% OF VALVE'S WORKING TIME
- EXTENTION OF VALVE'S LIFE

EXAMPLE OF ENERGY SAVING USING

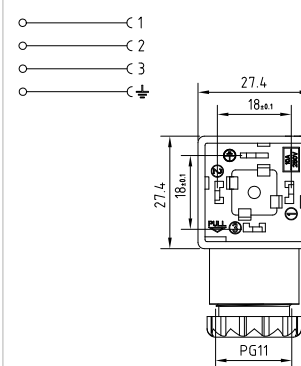
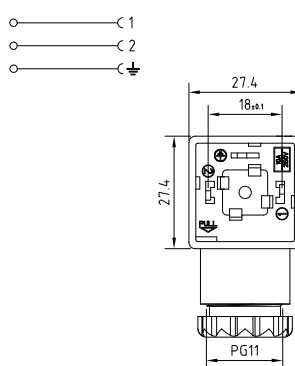
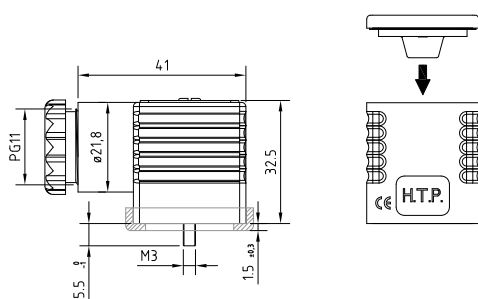
- AMBIENT TEMPERATURE = 20 °C
- TEMPERATURE INSIDE VALVE AFTER 30 SECONDS WITH STANDARD CONNECTOR BOARD = 132 °C
- TEMPERATURE INSIDE VALVE AFTER 60 SECONDS WITH ENERGY SAVING CONNECTOR = 75 °C

EMC TEST

- THE PRODUCT SUCCEED THE EMC TESTS (REFERS TO *DIRECTIVE 2014/30/EU*)



Technical drawing



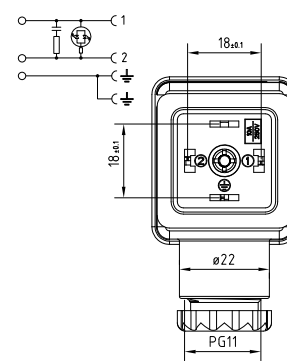
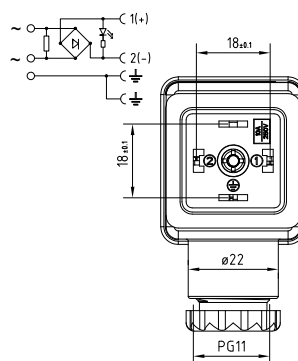
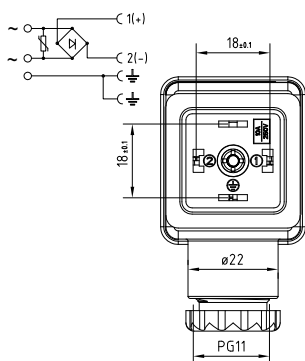
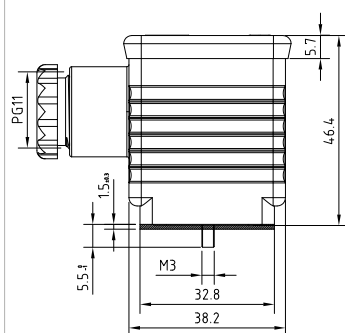
Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	G1CNU2000	G1CNU3000
Description	Square connector G1C series complete with gasket and fixing screw. Connector without electronic.	Square connector G1C series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	32.5mm	32.5mm
Cable gland	PG9/PG11 unified	PG9/PG11 unified
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250 AC/ 300V DC	250 AC/ 300V DC
Circuit type	-	-
Led colour	-	-
Suitable cable	Ø cable 6-10mm	Ø cable 6-10mm
Central fixing screw	M3 L=35.4mm	M3 L=35.4mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs in box	50pcs in box
Other accessories options		
See accessories section		
Notes:		
	Connector available with different circuits.	Connector available with different circuits.

Field attachable connectors - Form A
EN175301-803(DIN43650)



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	A			A			A		
Part number	G4NU2RV1-3A	G4NU2RV2-3A	G4NU2RV3-3A	G4TU2RL1-3A	G4TU2RL2-3A	G4TU2RL3-3A	G4TU2FL1-3A	G4TU2FL2-3A	G4TU2FL3-3A
Description	Square connector G4 series complete with gasket and fixing screw. Connector with electronic (3A components).			Square connector G4 series complete with gasket and fixing screw. Connector with electronic (3A components).			Square connector G4 series complete with gasket and fixing screw. Connector with electronic (3A components).		
Contacts spacing	18mm			18mm			18mm		
Number of contacts	2poles + 2 P.E.			2poles + 2 P.E.			2poles + 2 P.E.		
Earth positioning	H.6-12			H.6-12			H.6-12		
Housing colour	Black / Black Cover			Black / Transparent Cover			Black / Transparent Cover		
Housing height	46.4mm			46.4mm			46.4mm		
Cable gland	PG9/PG11 unified			PG9/PG11 unified			PG9/PG11 unified		
Gasket type	Flat NBR gasket			Flat NBR gasket			Flat NBR gasket		

Technical data

Technical data									
Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m			0.5 N*m		
Rated voltage	24V AC	115V AC	230V AC	24V AC	115V AC	230V AC	24V AC	115V AC	230V AC
Circuit type	Full-Wave Bridge Rectifier (3A) + Varistor (3A)			Full-Wave Bridge Rectifier(3A) + Varistor(3A) + Led			RC circuit+ Led		
Led colour	-			Red			Red		
Suitable cable	ø cable 6-10mm			ø cable 6-10mm			ø cable 6-10mm		
Central fixing screw	M3 L=42mm			M3 L=42mm			M3 L=42mm		
Central fixing screw material	Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m		

Packaging

Qty/Box	40pcs in box	40pcs in box	40pcs in box
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Other accessories options

See accessories section

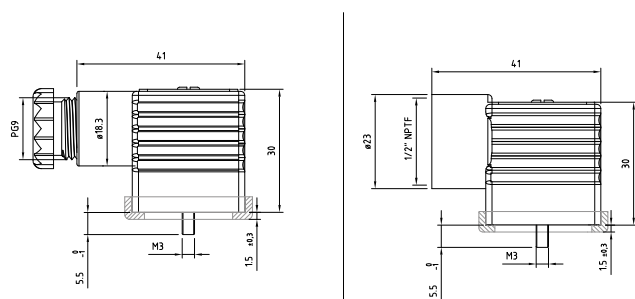
Notes:

Connector available with different led colour

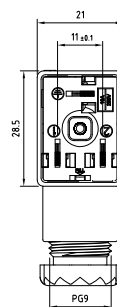
Connector available with different led colour



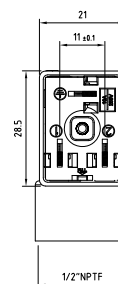
Technical drawing



- — C 1
- — C 2
- — C $\frac{1}{2}$



- — C 1
- — C 2
- — C $\frac{1}{2}$



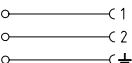
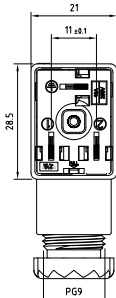
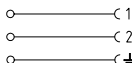
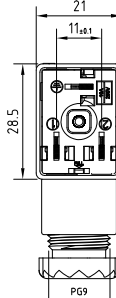
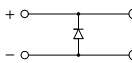
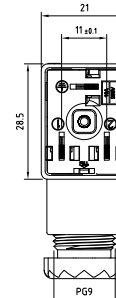
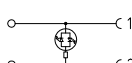
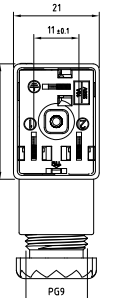
Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial
Construction type	B	B
Part number	M1NS2000	M1NF2000
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG9	1/2" NPTF
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	Ø cable 6-8mm	Ø cable 8-10mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:		
	Connector with Grey Housing: P/N M1GS2000	Connector with Grey Housing: P/N M1GF2000 Connector without press-cable screw

VALVE CONNECTORS

Field attachable connectors - Form B - Industrial



  	  	 	 
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Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
B	B	B	B
M1NS2000-UL Rectangular connector M1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	M1NS2000-ATEX Rectangular connector M1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	M1NS2D03 Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	M1TS2L01 M1TS2L02 M1TS2L03 Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.
11mm	11mm	11mm	11mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Transparent
30mm	30mm	30mm	30mm
PG9	PG9	PG9	PG9
Profiled NBR gasket	Flat Silicone gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	230V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
-	-	Diode(1A)	Bipolar Led
-	-	-	Red
ø cable 6-8mm	ø cable 6-8mm	ø cable 6-8mm	ø cable 6-8mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	Singly paked in plastic bag	50pcs / box	50pcs / box
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Other accessories options

See accessories section

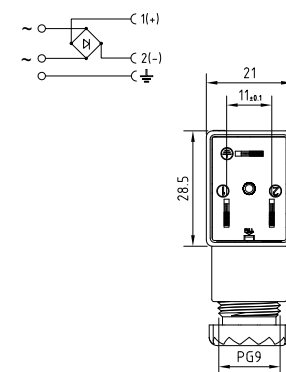
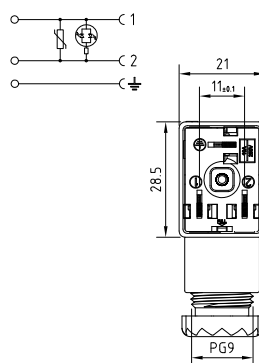
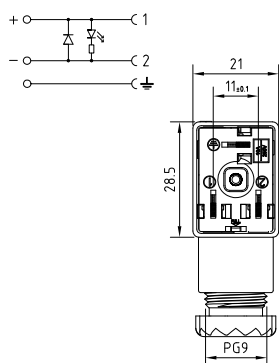
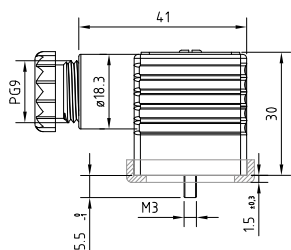
Notes:

Connector available with different circuits.

Connector available with different led colour



Technical drawing



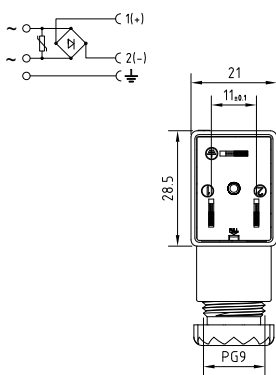
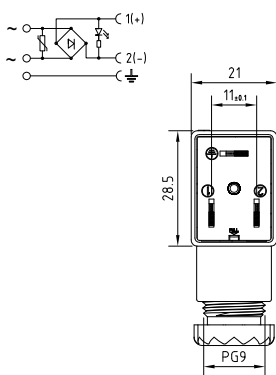
Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	Industrial			Industrial			Industrial		
Construction type	B			B			B		
Part number	M1TS2DL1	M1TS2DL2	M1TS2DL3	M1TS2VL1	M1TS2VL2	M1TS2VL3	M1NS2R03		
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	11mm			11mm			11mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent			Black		
Housing height	30mm			30mm			30mm		
Cable gland	PG9			PG9			PG9		
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		
Technical data									
Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m			0.5 N*m		
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	1-230V AC		
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bidge Rectifier (1A)		
Led colour	Red			Red			-		
Suitable cable	ø cable 6-8mm			ø cable 6-8mm			ø cable 6-8mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m		
Packaging									
Qty/Box	50pcs / box			50pcs / box			50pcs / box		
Other accessories options									
See accessories section									
Notes:	Connector available with different led colour			Connector available with different led colour					

VALVE CONNECTORS

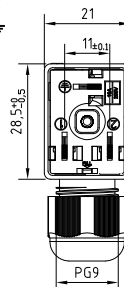
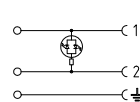
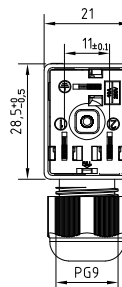
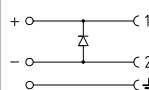
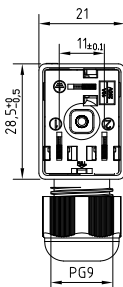
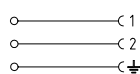
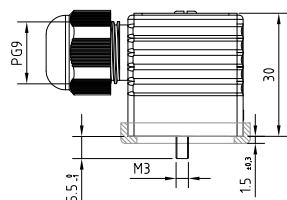
Field attachable connectors - Form B - Industrial



					
Product description					
DIN valve connectors		DIN valve connectors			
Industrial		Industrial			
B		B			
M1NS2RV1	M1NS2RV2	M1NS2RV3	M1TS2RL1	M1TS2RL2	M1TS2RL3
Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
11mm			11mm		
2poles + P.E.			2poles + P.E.		
H.12 (turnable)			H.12 (turnable)		
Black			Transparent		
30mm			30mm		
PG9			PG9		
Profiled NBR gasket			Profiled NBR gasket		
Technical data					
Screw contacts		Screw contacts			
0.5 N*m		0.5 N*m			
24V AC	115V AC	230V AC	24V AC	115V AC	230V AC
Full-Wave Bridge Rectifier + Varistor			Full-Wave Bridge Rectifier + Varistor + Led		
-			Red		
ø cable 6-8mm			ø cable 6-8mm		
M3 L=32.5mm			M3 L=32.5mm		
Iron+Zinc plated			Iron+Zinc plated		
0.5 N*m			0.5 N*m		
Packaging					
50pcs / box		50pcs / box			
Other accessories options					
See accessories section					
Notes:		Connector available with different led colour			



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	B	B	B
Part number	M1NS2000-SK	M1NS2D03-SK	M1TS2L01-SK M1TS2L02-SK M1TS2L03-SK
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Transparent
Housing height	30mm	30mm	30mm
Cable gland	SK - PG9	SK - PG9	SK - PG9
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led
Led colour	-	-	Red
Suitable cable	ø cable 4-8.6mm	ø cable 4-8.6mm	ø cable 4-8.6mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

Qty/Box	50pcs / box	50pcs / box	50pcs / box
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Other accessories options

See accessories section

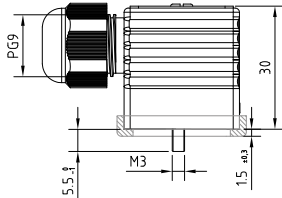
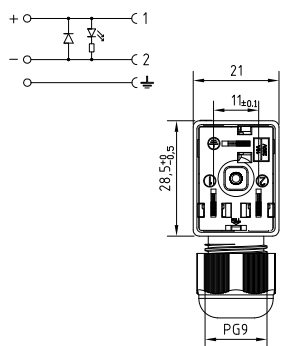
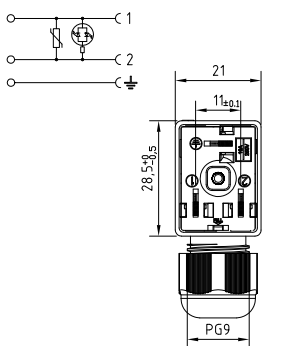
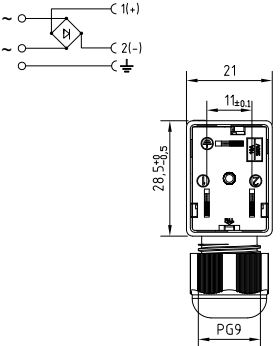
Notes:

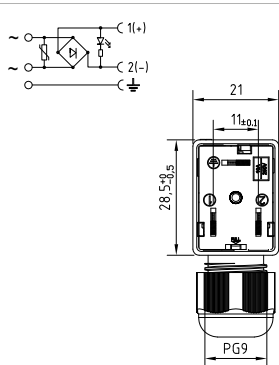
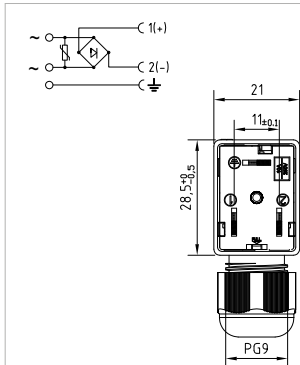
Connector available with different circuits.

Connector available with different led colour

VALVE CONNECTORS Field attachable connectors - Form B - Industrial



Technical drawing			
			
Product description			
Connector type	DIN valve connectors		DIN valve connectors
Conforms to	Industrial		Industrial
Construction type	B		B
Part number	M1TS2DL1-SK	M1TS2DL2-SK M1TS2DL3-SK	M1TS2VL1-SK M1TS2VL2-SK M1TS2VL3-SK M1NS2R03-SK
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	11mm		11mm
Number of contacts	2poles + P.E.		2poles + P.E.
Earth positioning	H.12 (turnable)		H.12 (turnable)
Housing colour	Transparent		Black
Housing height	30mm		30mm
Cable gland	SK - PG9		PG9
Gasket type	Profiled NBR gasket		Profiled NBR gasket
Technical data			
Type of termination	Screw contacts		Screw contacts
	0.5 N*m		0.5 N*m
Rated voltage	24V DC	115V DC 230V DC	24V AC/DC 115V AC/DC 230V AC/DC 1-230V AC
Circuit type	Led + Diode(1A)		Bipolar Led + Varistor Full-Wave Bridge Rectifier (1A)
Led colour	Red		-
Suitable cable	ø cable 4-8.6mm		ø cable 4-8.6mm
Central fixing screw	M3 L=32.5mm		M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated		Iron+Zinc plated
Central screw torque	0.5 N*m		0.5 N*m
Packaging			
Qty/Box	50pcs / box		50pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector available with different led colour		Connector available with different led colour



Product description					
DIN valve connectors			DIN valve connectors		
Industrial			Industrial		
B			B		
M1NS2RV1-SK	M1NS2RV2-SK	M1NS2RV3-SK	M1TS2RL1-SK	M1TS2RL2-SK	M1TS2RL3-SK
Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
11mm			11mm		
2poles + P.E.			2poles + P.E.		
H.12 (turnable)			H.12 (turnable)		
Black			Transparent		
30mm			30mm		
SK - PG9			SK - PG9		
Profiled NBR gasket			Profiled NBR gasket		
Technical data					
Screw contacts			Screw contacts		
0.5 N*m			0.5 N*m		
24V AC	115V AC	230V AC	24V AC	115V AC	230V AC
Full-Wave Bridge Rectifier + Varistor			Full-Wave Bridge Rectifier + Varistor + Led		
-			Red		
ø cable 4-8.6mm			ø cable 4-8.6mm		
M3 L=32.5mm			M3 L=32.5mm		
Iron+Zinc plated			Iron+Zinc plated		
0.5 N*m			0.5 N*m		
Packaging					
50pcs / box			50pcs / box		
Other accessories options					
See accessories section					
Notes:			Connector available with different led colour		

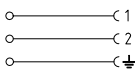
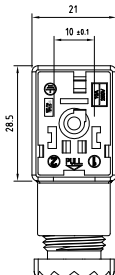
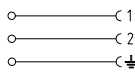
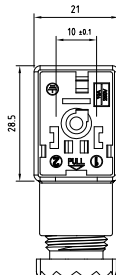
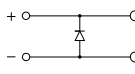
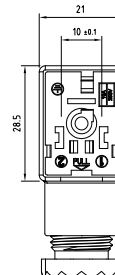
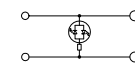
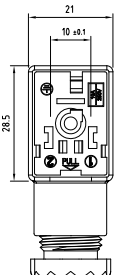
VALVE CONNECTORS

Field attachable connectors - Form B
EN175301-803(DIN43650)



Technical drawing			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	
Conforms to	EN175301-803	EN175301-803	
Construction type	B	B	
Part number	M2NS2000	M2NF2000	
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	
Contacts spacing	10mm	10mm	
Number of contacts	2poles + P.E.	2poles + P.E.	
Earth positioning	H.12 (turnable)	H.12 (turnable)	
Housing colour	Black	Black	
Housing height	30mm	30mm	
Cable gland	PG9	1/2"NPTF	
Gasket type	Profiled NBR gasket	Profiled NBR gasket	
Technical data			
Type of termination	Screw contacts	Screw contacts	
Contact screw torque	0.5 N*m	0.5 N*m	
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	
Circuit type	-	-	
Led colour	-	-	
Suitable cable	ø cable 6-8mm	ø cable 6-8mm	
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	
Packaging			
Qty/Box	50pcs / box	50pcs / box	
Other accessories options			
See accessories section			
Notes:		Connector with Grey Housing: P/N M2GS2000	Connector with Grey Housing: P/N M2GF2000 Connector without press-cable screw



  	  	 	 
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Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
B	B	B	B
M2NS2000-UL Rectangular connector M2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	M2NS2000-ATEX Rectangular connector M2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	M2NS2D03 Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	M2TS2L01 M2TS2L02 M2TS2L03 Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.
10mm	10mm	10mm	10mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Transparent
30mm	30mm	30mm	30mm
PG9	PG9	PG9	PG9
Profiled NBR gasket	Flat Silicone gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	230V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
-	-	Diode(1A)	Bipolar Led
-	-	-	Red
ø cable 6-8mm	ø cable 6-8mm	ø cable 6-8mm	ø cable 6-8mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	Singly packed in plastic bag	50pcs / box	50pcs / box
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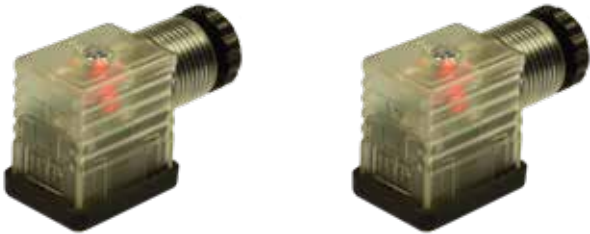
Other accessories options

See accessories section

Notes: Connector available with different circuits.			Connector available with different led colour
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VALVE CONNECTORS

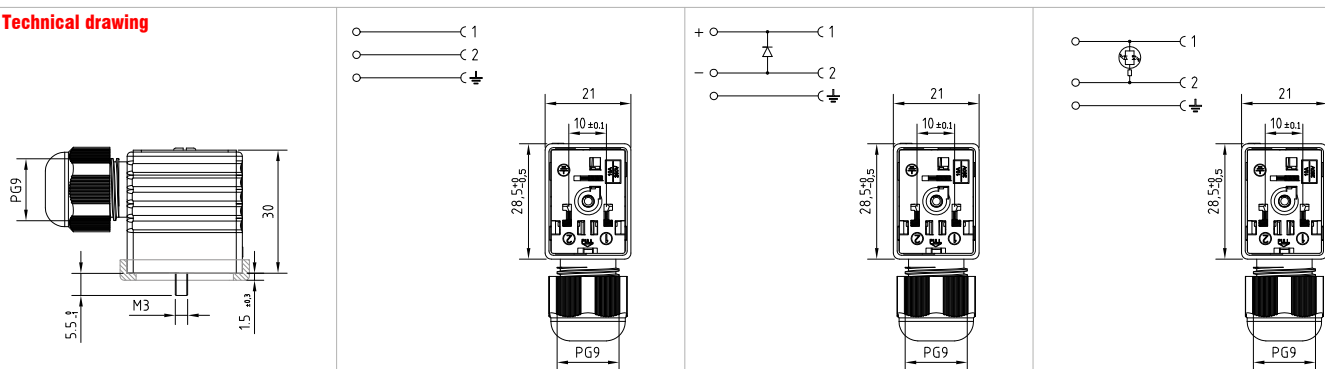
Field attachable connectors - Form B
EN175301-803(DIN43650)



Technical drawing						
Product description						
Connector type	DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803		
Construction type	B			B		
Part number	M2TS2DL1	M2TS2DL2	M2TS2DL3	M2TS2VL1	M2TS2VL2	M2TS2VL3
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	10mm			10mm		
Number of contacts	2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent		
Housing height	30mm			30mm		
Cable gland	PG9			PG9		
Gasket type	Profiled NBR gasket			Profiled NBR gasket		
Technical data						
Type of termination	Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m		
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red		
Suitable cable	ø cable 6-8mm			ø cable 6-8mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m		
Packaging						
Qty/Box	50pcs / box			50pcs / box		
Other accessories options						
See accessories section						
Notes:						
Connector available with different led colour			Connector available with different led colour			



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	M2NS2000-SK	M2NS2D03-SK	M2TS2L01-SK M2TS2L02-SK M2TS2L03-SK
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Transparent
Housing height	30mm	30mm	30mm
Cable gland	SK - PG9	SK - PG9	SK - PG9
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led
Led colour	-	-	Red
Suitable cable	Ø cable 4-8.6mm	Ø cable 4-8.6mm	Ø cable 4-8.6mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

Qty/Box	50pcs / box	50pcs / box	50pcs / box
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Other accessories options

See accessories section			
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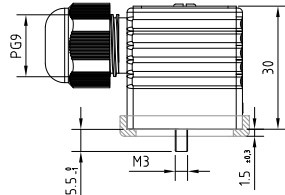
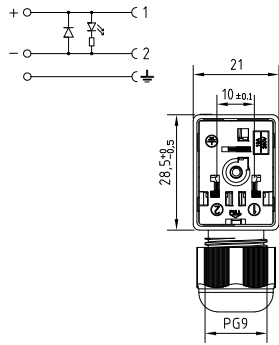
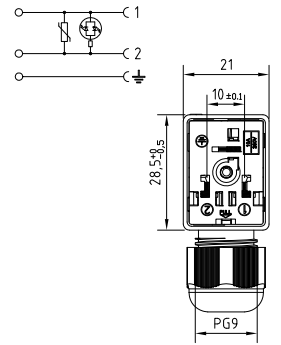
Notes:

Connector available with different circuits.		Connector available with different led colour
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VALVE CONNECTORS

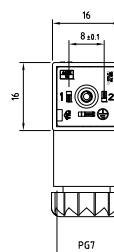
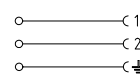
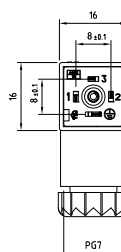
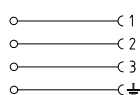
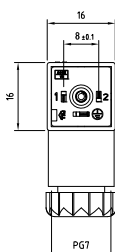
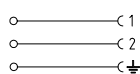
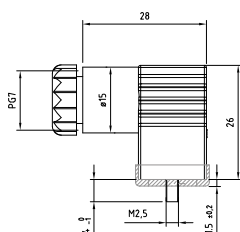
Field attachable connectors - Form B
EN175301-803(DIN43650)



Technical drawing			
			
			
Product description			
Connector type	DIN valve connectors		DIN valve connectors
Conforms to	EN175301-803		EN175301-803
Construction type	B		B
Part number	M2TS2DL1-SK M2TS2DL2-SK M2TS2DL3-SK		M2TS2VL1-SK M2TS2VL2-SK M2TS2VL3-SK
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.		Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	10mm		10mm
Number of contacts	2poles + P.E.		2poles + P.E.
Earth positioning	H.12 (turnable)		H.12 (turnable)
Housing colour	Transparent		Transparent
Housing height	30mm		30mm
Cable gland	SK - PG9		SK - PG9
Gasket type	Profiled NBR gasket		Profiled NBR gasket
Technical data			
Type of termination	Screw contacts		Screw contacts
	0.5 N*m		0.5 N*m
Rated voltage	24V DC	115V DC	230V DC
Circuit type	Led + Diode(1A)		Bipolar Led + Varistor
Led colour	Red		Red
Suitable cable	ø cable 4-8.6mm		ø cable 4-8.6mm
Central fixing screw	M3 L=32.5mm		M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated		Iron+Zinc plated
Central screw torque	0.5 N*m		0.5 N*m
Packaging			
Qty/Box	50pcs / box		50pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector available with different led colour		Connector available with different led colour



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	P1NZ2000	P1NZ3000	P1NZ2000-UL
Description	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series,ULapproved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Housing colour	Black	Black	Black
Housing height	26mm	26mm	26mm
Cable gland	PG7	PG7	PG7
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Suitable cable	ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm
Central fixing screw	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m

Packaging

Qty/Box	100pcs / box	100pcs / box	100pcs / box
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Other accessories options

See accessories section

Notes:

Connector with Grey Housing: P/N P1GZ2000	Connector with Grey Housing: P/N P1GZ3000	Connector available with different circuits.
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VALVE CONNECTORS

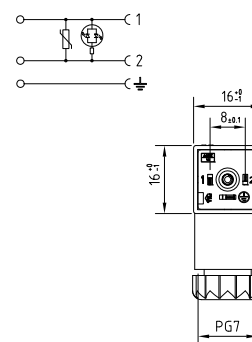
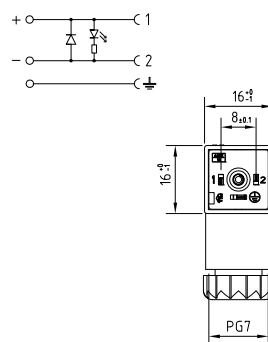
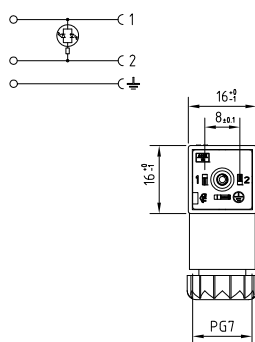
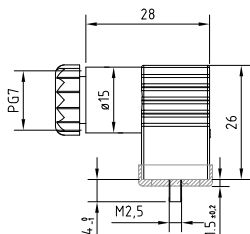
Field attachable connectors - Form C
EN175301-803(DIN43650)



Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
C	C	C	C
P1NZ3000-UL	P1NZ2000-ATEX	P1NZ3000-ATEX	P1NZ2D03
Square micro connector P1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.
8mm	8mm	8mm	8mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Black	Black	Black	Black
26mm	26mm	26mm	26mm
PG7	PG7	PG7	PG7
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m
250V AC/ 300VDC	230V AC/ 300VDC	230V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm
M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.4 N/m	0.4 N*m	0.4 N*m	0.4 N*m
Packaging			
100pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	100pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector available with different circuits.			



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	C			C			C		
Part number	P1TZ2L01	P1TZ2L02	P1TZ2L03	P1TZ2DL1	P1TZ2DL2	P1TZ2DL3	P1TZ2VL1	P1TZ2VL2	P1TZ2VL3
Description	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	8mm			8mm			8mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 (turnable)			H.6 (turnable)			H.6 (turnable)		
Housing colour	Transparent			Transparent			Transparent		
Housing height	26mm			26mm			26mm		
Cable gland	PG7			PG7			PG7		
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		

Technical data

Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.25 N*m			0.25 N*m			0.25 N*m		
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		
Suitable cable	Ø cable 4-6mm			Ø cable 4-6mm			Ø cable 4-6mm		
Central fixing screw	M2.5 L=28mm			M2.5 L=28mm			M2.5 L=28mm		
Central fixing screw material	Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated		
Central screw torque	0.4 N*m			0.4 N*m			0.4 N*m		

Packaging

Qty/Box	100pcs / box			100pcs / box			100pcs / box		
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Other accessories options

See accessories section

Notes:

Connector available with different led colour

Connector available with different led colour

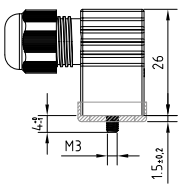
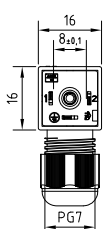
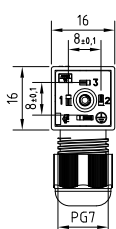
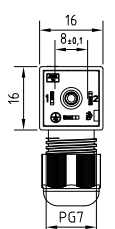
Connector available with different led colour

VALVE CONNECTORS

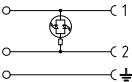
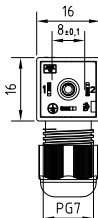
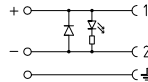
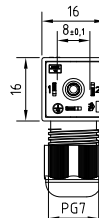
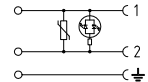
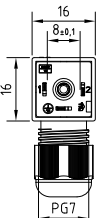
Field attachable connectors - Form C

EN175301-803(DIN43650)



Technical drawing			
			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	P1NZ2000-SK	P1NZ3000-SK	P1NZ2D03-SK
Description	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Housing colour	Black	Black	Black
Housing height	26mm	26mm	26mm
Cable gland	SK - PG7	SK - PG7	SK - PG7
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	Diode(1A)
Led colour	-	-	-
Suitable cable	ø cable 3.5-5.5mm	ø cable 3.5-5.5mm	ø cable 3.5-5.5mm
Central fixing screw	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m
Packaging			
Qty/Box	100pcs / box	100pcs / box	100pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits.	Connector available with different circuits.	

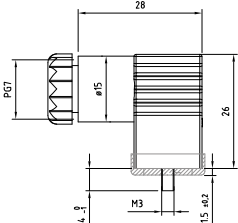
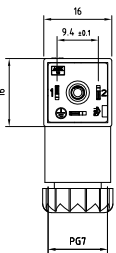
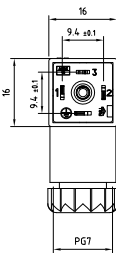
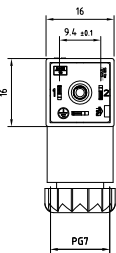


 	 	 				
Product description						
DIN valve connectors	DIN valve connectors	DIN valve connectors				
EN175301-803	EN175301-803	EN175301-803				
C	C	C				
P1T22L01-SK P1T22L02-SK P1T22L03-SK	P1T22DL1-SK P1T22DL2-SK P1T22DL3-SK	P1T22VL2-SK P1T22VL3-SK P1T22VL1-SK				
Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.				
8mm	8mm	8mm				
2poles + P.E.	2poles + P.E.	2poles + P.E.				
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)				
Transparent	Transparent	Transparent				
26mm	26mm	26mm				
SK - PG7	SK - PG7	SK - PG7				
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket				
Technical data						
Screw contacts	Screw contacts	Screw contacts				
0.25 N*m	0.25 N*m	0.25 N*m				
24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC	
Bipolar led	Led + Diode(1A)	Bipolar Led + Varistor				
Red	Red	Red				
ø cable 3.5-5.5mm	ø cable 3.5-5.5mm	ø cable 3.5-5.5mm				
M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm				
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated				
	0.4 N*m	0.4 N*m				
Packaging						
100pcs / box	100pcs / box	100pcs / box				
Other accessories options						
See accessories section						
Notes: Connector available with different led colour	Connector available with different led colour	Connector available with different led colour				

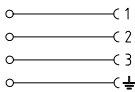
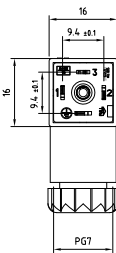
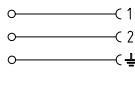
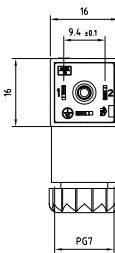
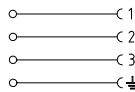
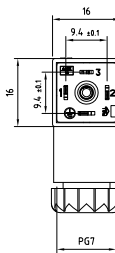
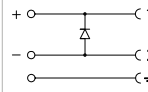
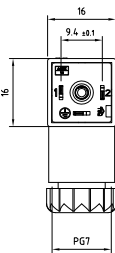
VALVE CONNECTORS

Field attachable connectors - Form C - Industrial



Technical drawing    																																																			
Product description <table> <tr> <td>Connector type</td><td>DIN valve connectors</td><td>DIN valve connectors</td><td>DIN valve connectors</td></tr> <tr> <td>Conforms to</td><td>Industrial</td><td>Industrial</td><td>Industrial</td></tr> <tr> <td>Construction type</td><td>C</td><td>C</td><td>C</td></tr> <tr> <td>Part number</td><td>P2NZ2000</td><td>P2NZ3000</td><td>P2NZ2000-UL</td></tr> <tr> <td>Description</td><td>Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.</td><td>Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.</td><td>Square micro connector P2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.</td></tr> <tr> <td>Contacts spacing</td><td>9.4mm</td><td>9.4mm</td><td>9.4mm</td></tr> <tr> <td>Number of contacts</td><td>2poles + P.E.</td><td>3poles + P.E.</td><td>2poles + P.E.</td></tr> <tr> <td>Earth positioning</td><td>H.6 (turnable)</td><td>H.6 (turnable)</td><td>H.6 (turnable)</td></tr> <tr> <td>Housing colour</td><td>Black</td><td>Black</td><td>Black</td></tr> <tr> <td>Housing height</td><td>26mm</td><td>26mm</td><td>26mm</td></tr> <tr> <td>Cable gland</td><td>PG7</td><td>PG7</td><td>PG7</td></tr> <tr> <td>Gasket type</td><td>Profiled NBR gasket</td><td>Profiled NBR gasket</td><td>Profiled NBR gasket</td></tr> </table>				Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	Conforms to	Industrial	Industrial	Industrial	Construction type	C	C	C	Part number	P2NZ2000	P2NZ3000	P2NZ2000-UL	Description	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Contacts spacing	9.4mm	9.4mm	9.4mm	Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.	Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	Housing colour	Black	Black	Black	Housing height	26mm	26mm	26mm	Cable gland	PG7	PG7	PG7	Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
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Part number	P2NZ2000	P2NZ3000	P2NZ2000-UL																																																
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Technical data <table> <tr> <td>Type of termination</td><td>Screw contacts</td><td>Screw contacts</td><td>Screw contacts</td></tr> <tr> <td>Contact screw torque</td><td>0.25 N*m</td><td>0.25 N*m</td><td>0.25 N*m</td></tr> <tr> <td>Rated voltage</td><td>250V AC/ 300VDC</td><td>250V AC/ 300VDC</td><td>250V AC/ 300VDC</td></tr> <tr> <td>Circuit type</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>Led colour</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>Suitable cable</td><td>Ø cable 4-6mm</td><td>Ø cable 4-6mm</td><td>Ø cable 4-6mm</td></tr> <tr> <td>Central fixing screw</td><td>M3 L=28mm</td><td>M3 L=28mm</td><td>M3 L=28mm</td></tr> <tr> <td>Central fixing screw material</td><td>Iron+Zinc plated</td><td>Iron+Zinc plated</td><td>Iron+Zinc plated</td></tr> <tr> <td>Central screw torque</td><td>0.5 N*m</td><td>0.5 N*m</td><td>0.5 N*m</td></tr> </table>				Type of termination	Screw contacts	Screw contacts	Screw contacts	Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m	Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	Circuit type	-	-	-	Led colour	-	-	-	Suitable cable	Ø cable 4-6mm	Ø cable 4-6mm	Ø cable 4-6mm	Central fixing screw	M3 L=28mm	M3 L=28mm	M3 L=28mm	Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m												
Type of termination	Screw contacts	Screw contacts	Screw contacts																																																
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Circuit type	-	-	-																																																
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Qty/Box	100pcs / box	100pcs / box	100pcs / box																																																
Other accessories options See accessories section																																																			
Notes: <table> <tr> <td>Connector with Grey Housing: P/N P2GZ2000</td><td>Connector with Grey Housing: P/N P2GZ3000</td><td colspan="2">Connector available with different circuits.</td></tr> </table>				Connector with Grey Housing: P/N P2GZ2000	Connector with Grey Housing: P/N P2GZ3000	Connector available with different circuits.																																													
Connector with Grey Housing: P/N P2GZ2000	Connector with Grey Housing: P/N P2GZ3000	Connector available with different circuits.																																																	



  CULUS	  Ex	  Ex	 
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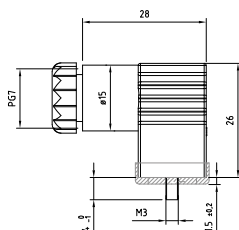
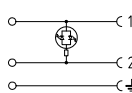
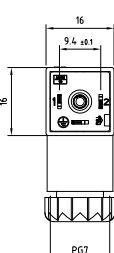
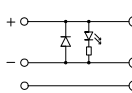
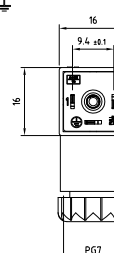
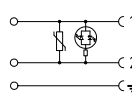
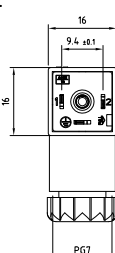
Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
C	C	C	C
P2NZ3000-UL	P2NZ2000-ATEX	P2NZ3000-ATEX	P2NZ2D03
Square micro connector P2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.
9.4mm	9.4mm	9.4mm	9.4mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Black	Black	Black	Black
26mm	26mm	26mm	26mm
PG7	PG7	PG7	PG7
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m
250V AC/ 300VDC	230V AC/ 300VDC	230V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm
M3 L=28mm	M3 L=28mm	M3 L=28mm	M3 L=28mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
100pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	100pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector available with different circuits.			

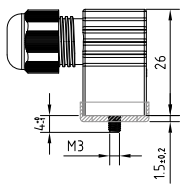
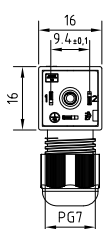
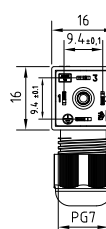
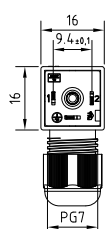
VALVE CONNECTORS

Field attachable connectors - Form C - Industrial



Technical drawing								 				 				 					
Product description																					
Connector type				DIN valve connectors				DIN valve connectors				DIN valve connectors									
Conforms to				Industrial				Industrial				Industrial									
Construction type				C				C				C									
Part number				P2TZ2L01		P2TZ2L02		P2TZ2L03		P2TZ2DL1		P2TZ2DL2		P2TZ2DL3		P2TZ2VL1		P2TZ2VL2		P2TZ2VL3	
Description				Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.				Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.				Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.									
Contacts spacing				9.4mm				9.4mm				9.4mm									
Number of contacts				2poles + P.E.				2poles + P.E.				2poles + P.E.									
Earth positioning				H.6 (turnable)				H.6 (turnable)				H.6 (turnable)									
Housing colour				Transparent				Transparent				Transparent									
Housing height				26mm				26mm				26mm									
Cable gland				PG7				PG7				PG7									
Gasket type				Profiled NBR gasket				Profiled NBR gasket				Profiled NBR gasket									
Technical data																					
Type of termination				Screw contacts				Screw contacts				Screw contacts									
Contact screw torque				0.25 N*m				0.25 N*m				0.25 N*m									
Rated voltage				24V AC/DC		115V AC/DC		230V AC/DC		24V DC		115V DC		230V DC		24V AC/DC		115V AC/DC		230V AC/DC	
Circuit type				Bipolar led				Led + Diode(1A)				Bipolar Led + Varistor									
Led colour				Red				Red				Red									
Suitable cable				ø cable 4-6mm				ø cable 4-6mm				ø cable 4-6mm									
Central fixing screw				M3 L=28mm				M3 L=28mm				M3 L=28mm									
Central fixing screw material				Iron+Zinc plated				Iron+Zinc plated				Iron+Zinc plated									
Central screw torque				0.5 N*m				0.5 N*m				0.5 N*m									
Packaging																					
Qty/Box				100pcs / box				100pcs / box				100pcs / box									
Other accessories options																					
See accessories section																					
Notes:				Connector available with different led colour				Connector available with different led colour				Connector available with different led colour									

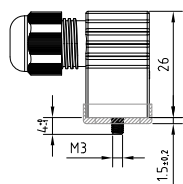
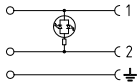
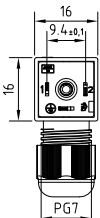
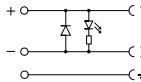
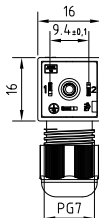
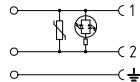
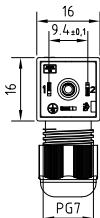


Technical drawing			
			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	P2NZ2000-SK	P2NZ3000-SK	P2NZ2D03-SK
Description	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Housing colour	Black	Black	Black
Housing height	26mm	26mm	26mm
Cable gland	SK - PG7	SK - PG7	SK - PG7
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	Diode(1A)
Led colour	-	-	-
Suitable cable	Ø cable 3.5-5.5mm	Ø cable 3.5-5.5mm	Ø cable 3.5-5.5mm
Central fixing screw	M3 L=28mm	M3 L=28mm	M3 L=28mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m
Packaging			
Qty/Box	100pcs / box	100pcs / box	100pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits.	Connector available with different circuits.	

VALVE CONNECTORS

Field attachable connectors - Form C - Industrial



Technical drawing											
			 			 			 		
Product description											
Connector type	DIN valve connectors					DIN valve connectors			DIN valve connectors		
Conforms to	Industrial					Industrial			Industrial		
Construction type	C					C			C		
Part number	P2TZ2L01-SK P2TZ2L02-SK P2TZ2L03-SK					P2TZ2DL1-SK P2TZ2DL2-SK P2TZ2DL3-SK			P2TZ2VL1-SK P2TZ2VL2-SK P2TZ2VL3-SK		
Description	Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.					Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	9.4mm					9.4mm			9.4mm		
Number of contacts	2poles + P.E.					2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 (turnable)					H.6 (turnable)			H.6 (turnable)		
Housing colour	Transparent					Transparent			Transparent		
Housing height	26mm					26mm			26mm		
Cable gland	SK - PG7					SK - PG7			SK - PG7		
Gasket type	Profiled NBR gasket					Profiled NBR gasket			Profiled NBR gasket		
Technical data											
Type of termination	Screw contacts					Screw contacts			Screw contacts		
	0.25 N*m					0.25 N*m			0.25 N*m		
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC		
Circuit type	Bipolar led					Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red					Red			Red		
Suitable cable	ø cable 3.5-5.5mm					ø cable 3.5-5.5mm			ø cable 3.5-5.5mm		
Central fixing screw	M3 L=28mm					M3 L=28mm			M3 L=28mm		
Central fixing screw material	Iron+Zinc plated					Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.4 N*m					0.4 N*m			0.4 N*m		
Packaging											
Qty/Box	100pcs / box					100pcs / box			100pcs / box		
Other accessories options											
See accessories section											
Notes:											
			Connector available with different led colour			Connector available with different led colour			Connector available with different led colour		

GENERAL FEATURES:

Conductor cross section :
0.34(22AWG) ... 1.50mm²(16AWG).

Fixing system :
Central fixing screw.

Max. screw torque IEC60947-1
(Central fixing screw) :
CG1-CM1-CM2-CP2 series: Max. 0.5 N * m.
CP1 series: Max. 0.4 N * m.

Type of terminations :
To solder.

Contact material and treatment :
Brass + Silver plated.

Housing material :
Polypropylene.

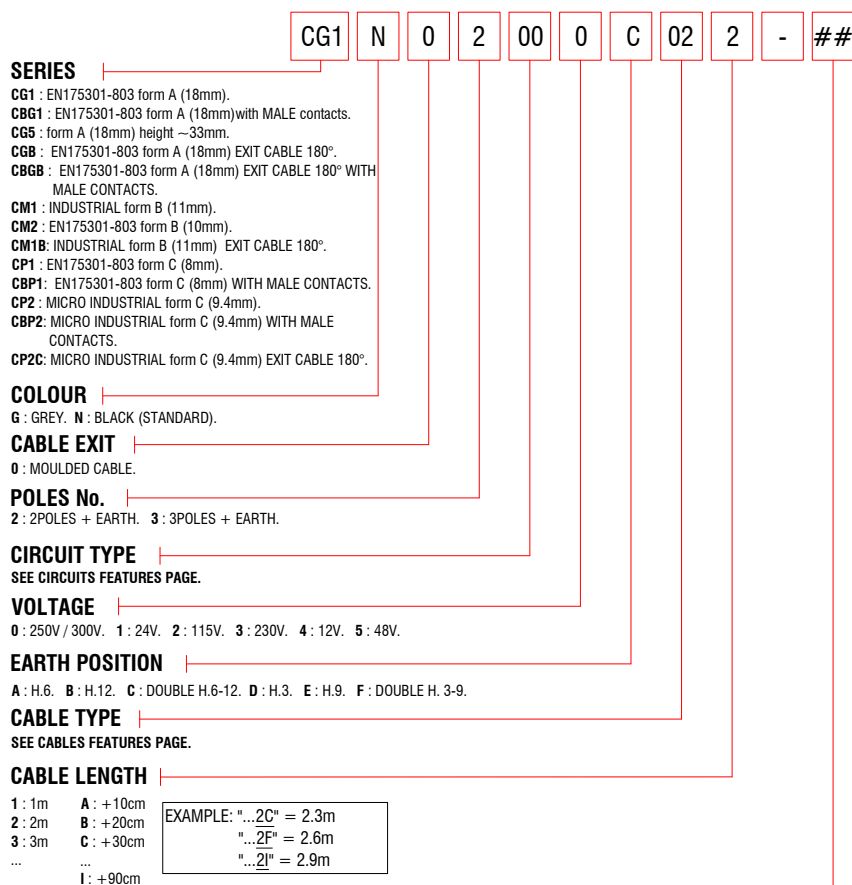
Internal core material :
PA66.

Flammability resistance :
UL94-V2 - Standard
UL94-V0 - UL approved

Protection class :
IP67.

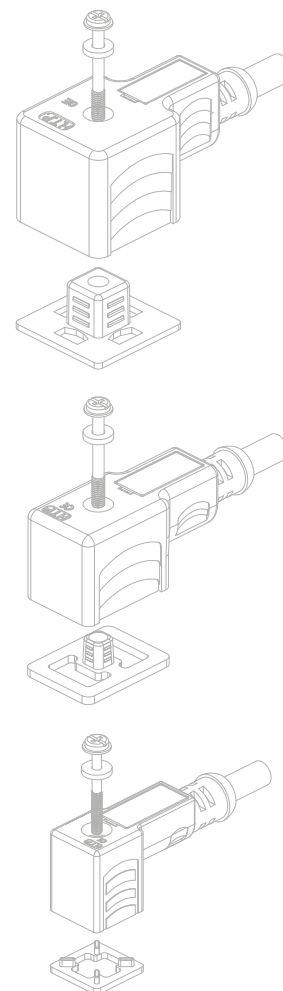
Operating temperature :
-25°C + 90°C (connector).
-25°C + 120°C (UL approved connector).
(NBR gasket -40°C + 90°C).
(Silicone gasket -40°C + 125°C).

Nominal current :
CG1-CG5-CM1-CM2 series: 10A.
CP1-CP2 series: 3A.



SOME VARIABLES

L : PROFILED GASKET. SS : STAINLESS STEEL SCREW. Y : WITHOUT H.T.P. LOGO. UL : UL approved (CG1/CG5 connectors - WITHOUT ELECTRONIC)
4D : BRIDGE RECTIFIER WITH 4 DIODES. 3A : ELECTRONIC COMPONENTS 3A.
12MA3 : EXTENSION M12 MALE 90° 3p. 12MD3 : EXTENSION M12 MALE 180° 3p.
12FA3 : EXTENSION M12 FEMALE 90° 3p. 12FD3 : EXTENSION M12 FEMALE 180° 3p.



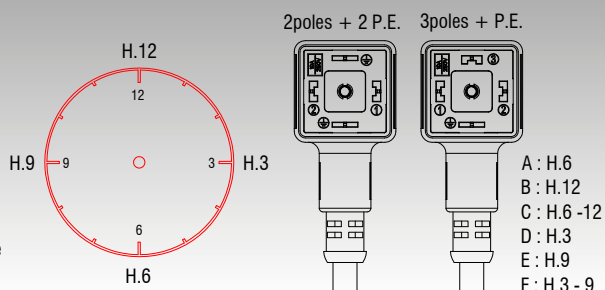
EARTH PIN POSITION

Earth pin position for the DIN43650 valve connectors with moulded cable has to be specified because its internal core is fixed.

The internal core cannot rotate as in the field attachable connectors.

To define the earth pin position it is necessary to look at the face view of the connector with the cable exit side down.

To easily identify the earth pin position you can compare the face view of the connector to a clock face view.



STANDARD CONNECTION:

2 P. + 2 P.E.:
1 : BROWN
2 : BLUE
P.E. : YELLOW-GREEN

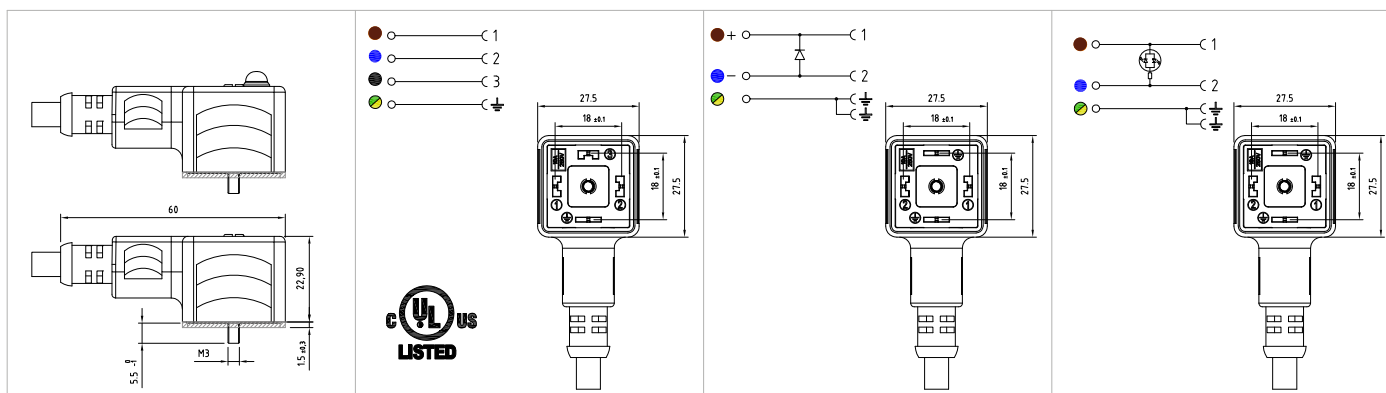
3 P. + P.E.:
1 : BROWN
2 : BLUE
3 : BLACK
P.E. : YELLOW-GREEN

VALVE CONNECTORS

Moulded cable connectors - Form A
EN175301-803(DIN43650)



Technical drawing			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CG1N02000C021	CG1N03000AB21	CG1N02000C161-UL
Description	Square connector CG1 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series,UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC ULstyle21179
Cable jacket colour	Black	Black	Black
No.Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G18AWG
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.2mm (±0.3)
Cable length	1m	1m	1m
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options			
See accessories section			
Notes: Connector available with different feautres: See the cable codification scheme page See the cables list section			



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CG1N03000A181-UL	CG1N02D03C021	CG1N02L01C021 CG1N02L02C021 CG1N02L03C021
Description	Square connector CG1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	3poles + P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led		
Led colour	-	-	Red		
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm		
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC ULstyle21179	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black	Black	Black		
No.Conductors / Section	4G18AWG	3G0.75mm ²	3G0.75mm ²		
Conductor colours	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø6.5mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)		
Cable length	1m	1m	1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.
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Other accessories options

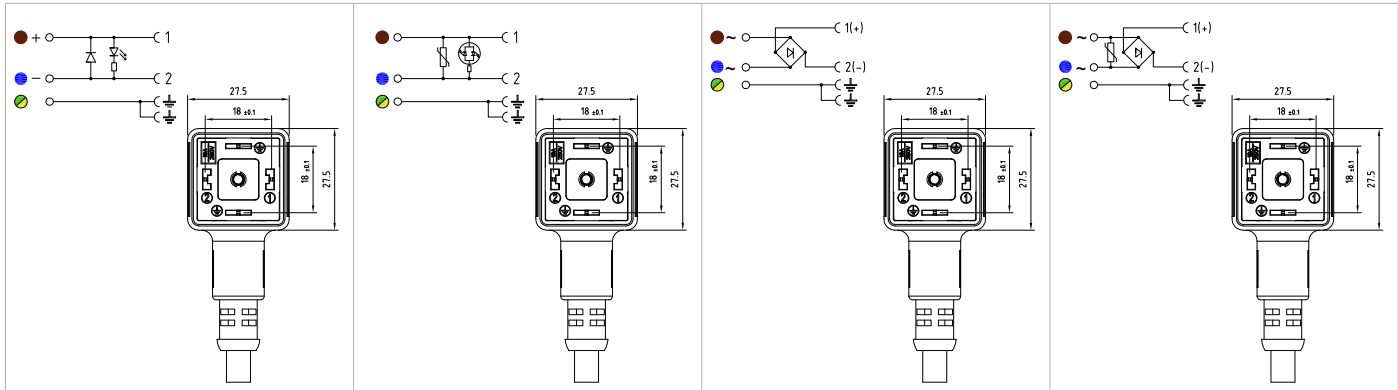
See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

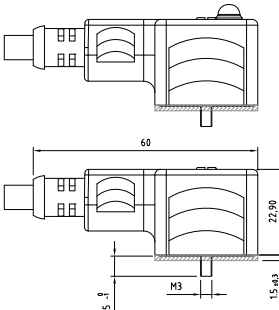
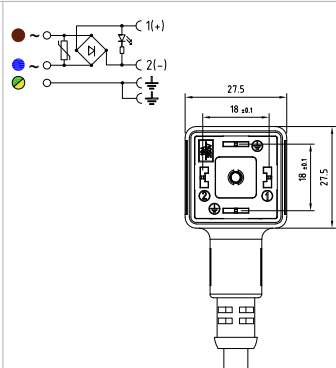
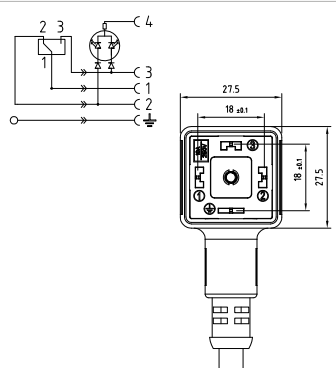
VALVE CONNECTORS

Moulded cable connectors - Form A
EN175301-803(DIN43650)



Product description																													
DIN valve connectors				DIN valve connectors				DIN valve connectors				DIN valve connectors																	
EN175301-803				EN175301-803				EN175301-803				EN175301-803																	
A				A				A				A																	
CG1N02DL1C021				CG1N02DL2C021		CG1N02DL3C021		CG1N02VL1C021				CG1N02VL2C021		CG1N02VL3C021		CG1N02R03C021				CG1N02RV1C021		CG1N02RV2C021		CG1N02RV3C021					
Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.						Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.						Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.						Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.											
18mm						18mm						18mm						18mm											
2poles + 2P.E.						2poles + 2P.E.						2poles + 2P.E.						2poles + 2P.E.											
H.6-12						H.6-12						H.6-12						H.6-12											
Black						Black						Black						Black											
22.9mm						22.9mm						22.9mm						22.9mm											
Integrated NBR gasket						Integrated NBR gasket						Integrated NBR gasket						Integrated NBR gasket											
Technical data																													
24V DC			115V DC			230V DC			24V AC/ DC			115V AC/DC			230V AC/DC			1-230V AC						24V AC		115V AC		230V AC	
Led + Diode(1A)						Bipolar Led + Varistor						Full-Wave Bridge Rectifier						Full-Wave Bridge Rectifier + Varistor											
Red						Red						-						-											
M3 L=25mm						M3 L=25mm						M3 L=25mm						M3 L=25mm											
Iron+Zinc plated						Iron+Zinc plated						Iron+Zinc plated						Iron+Zinc plated											
0.5 N*m						0.5 N*m						0.5 N*m						0.5 N*m											
PVC/PVC IEC332-1 H05VVF						PVC/PVC IEC332-1 H05VVF						PVC/PVC IEC332-1 H05VVF						PVC/PVC IEC332-1 H05VVF											
Black						Black						Black						Black											
3G0.75mm²						3G0.75mm²						3G0.75mm²						3G0.75mm²											
Brown; Blue; Yellow-Green						Brown; Blue; Yellow-Green						Brown; Blue; Yellow-Green						Brown; Blue; Yellow-Green											
ø6.7mm (±0.3)						ø6.7mm (±0.3)						ø6.7mm (±0.3)						ø6.7mm (±0.3)											
1m						1m						1m						1m											
Packaging																													
Variable according cable length.						Variable according cable length.						Variable according cable length.						Variable according cable length.											
Other accessories options																													
See accessories section																													
Notes:																													
Connector available with different features: See the cable codification scheme page See the cables list section																													



						
Product description						
Connector type	DIN valve connectors		DIN valve connectors			
Conforms to	EN175301-803		EN175301-803			
Construction type	A		A			
Part number	CG1N02RL1C021 CG1N02RL2C021 CG1N02RL3C021		CG1N03Q01AB21 CG1N03Q01AB21 CG1N03Q01AB21			
Description	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.		Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.			
Contacts spacing	18mm		18mm			
Number of contacts	2poles + 2P.E.		3poles + P.E.			
Earth positioning	H.6-12		H.6			
Housing colour	Black		Black			
Housing height	22.9mm		22.9mm			
Gasket type	Integrated NBR gasket		Integrated NBR gasket			
Technical data						
Rated voltage	24V AC	115V AC	230V AC	24V DC	115V DC	230V DC
Circuit type	Full-Wave Bridge Rectifier + Varistor + Led		Bicolour Led + no.2 Diodes (1A)			
Led colour	Red		Red (pin 2) ; Green (pin3)			
Central fixing screw	M3 L=25mm		M3 L=25mm			
Central fixing screw material	Iron+Zinc plated		Iron+Zinc plated			
Central screw torque	0.5 N*m		0.5 N*m			
Cable type	PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF			
Cable jacket colour	Black		Black			
No. Conductors / Section	3G0.75mm²		4G0.75mm²			
Conductor colours	Brown; Blue; Yellow-Green		Brown; Blue; Black; Yellow-Green			
Cable diameter	ø6.7mm (±0.3)		ø7mm (±0.3)			
Cable length	1m		1m			
Packaging						
Qty/Box	Variable according cable length.		Variable according cable length.			
Other accessories options						
See accessories section						
Notes: Connector available with different feautres: See the cable codification scheme page See the cables list section			Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)			

VALVE CONNECTORS

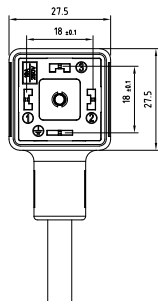
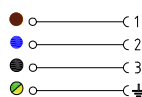
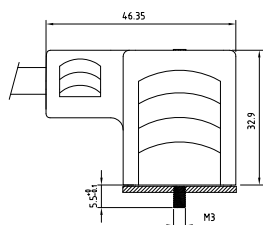
Moulded cable connectors - Form A
EN175301-803(DIN43650)



Technical drawing			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CG5N02000C021	CG5N03000AB21	CG5N02000C161
Description	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	3poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	32.9mm	32.9mm	32.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Central fixing screw	M3 L=35mm	M3 L=35mm	M3 L=35mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC ULstyle21179
Cable jacket colour	Black	Black	Black
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G16AWG
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.2mm (±0.3)
Cable length	1m	1m	1m
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options			
See accessories section			
Notes:			
Connector available with different features: See the cable codification scheme page See the cables list section			



Technical drawing



Product description

Connector type	DIN valve connectors		
Conforms to	EN175301-803		
Construction type	A		
Part number	CG5N03000A181-UL		
Description	Square connector CG5 series, UL approved, complete with gasket and fixing screw. Connector without electronic.		
Contacts spacing	18mm		
Number of contacts	3poles + P.E.		
Earth positioning	H.6		
Housing colour	Black		
Housing height	32.9mm		
Gasket type	Integrated NBR gasket		

Technical data

Rated voltage	250V AC/ 300VDC		
Circuit type	-		
Led colour	-		
Central fixing screw	M3 L=35mm		
Central fixing screw material	Iron+Zinc plated		
Central screw torque	0.5 N*m		
Cable type	PVC/PVC ULstyle21179		
Cable jacket colour	Black		
No.Conductors / Section	4G16AWG		
Conductor colours	Brown; Blue; Black; Yellow-Green		
Cable diameter	ø6.5mm (±0.3)		
Cable length	1m		

Packaging

Qty/Box	Variable according cable length.		
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Other accessories options

See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

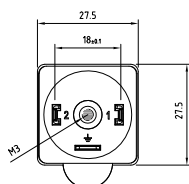
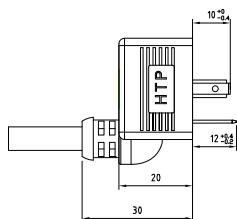
Moulded cable connectors - Form A
EN175301-803(DIN43650)



Technical drawing			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CBG1N02000A021	CBG1N03000AB21	CBG1N02VL1C021 CBG1N02VL2C021 CBG1N02VL3C021
Description	Square connector CBG1 series with male contacts. Connector without electronic.	Square connector CBG1 series with male contacts. Connector without electronic.	Square connector CBG1 series with male contacts. Connector with electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	-	-	-
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC 115V AC/DC 230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor
Led colour	-	-	Red
Central fixing nut	M3x0.5 Closed	M3x0.5 Closed	M3x0.5 Closed
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF
Cable jacket colour	Black	Black	Black
No.Conductors / Section	3G0.75mm²	4G0.75mm²	3G0.75mm²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)
Cable length	1m	1m	1m
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options			
See accessories section			
Notes: Connector available with different features: See the cable codification scheme page See the cables list section			



Technical drawing



Product description

Connector type	DIN valve connectors
Conforms to	EN175301-803
Construction type	A
Part number	CBGBN02000A021
Description	Square connector CBGB1 (TOP EXIT) series with male contacts. Connector without electronic.
Contacts spacing	18mm
Number of contacts	2poles + P.E.
Earth positioning	H.6
Housing colour	Black
Housing height	20mm
Gasket type	-

Technical data

Rated voltage	250V AC/ 300VDC
Circuit type	-
Led colour	-
Central fixing nut	M3x0.5
Central fixing screw material	Iron + Zinc plated
Central screw torque	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF
Cable jacket colour	Black
No. Conductors / Section	3G0.75mm ²
Conductor colours	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)
Cable length	1m

Packaging

Qty/Box	Variable according cable length.
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Other accessories options

See accessories section

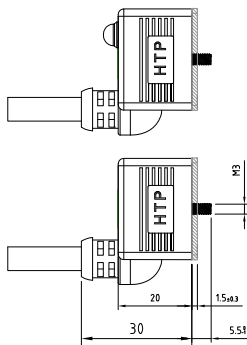
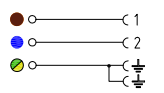
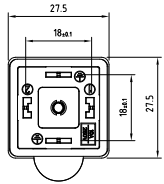
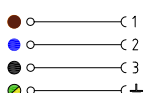
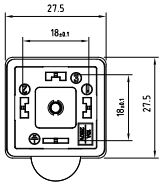
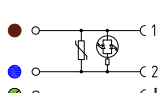
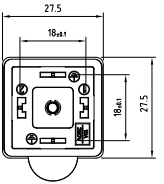
Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

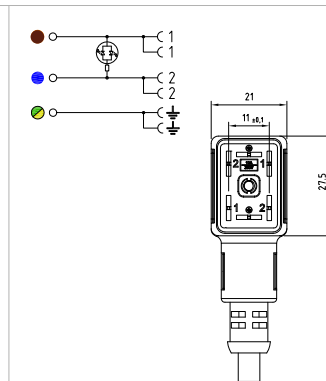
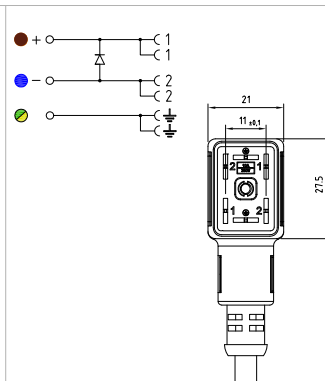
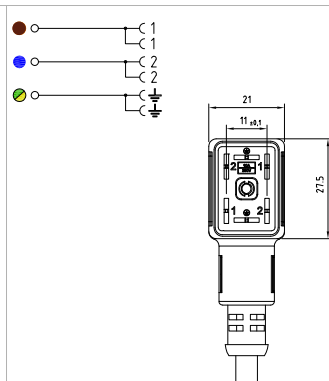
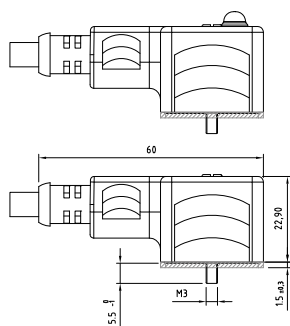
Moulded cable connectors - Form A
EN175301-803(DIN43650)



Technical drawing 		 	 	 
Product description				
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	
Conforms to	EN175301-803	EN175301-803	EN175301-803	
Construction type	A	A	A	
Part number	CGBN02000C021	CGBN03000AB21	CGBN02VL1C021 CGBN02VL2C021 CGBN02VL3C021	
Description	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.	
Contacts spacing	18mm	18mm	18mm	
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.	
Earth positioning	H.6-12	H.6	H.6-12	
Housing colour	Black	Black	Black	
Housing height	20mm	20mm	20mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	
Technical data				
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC	115V AC/DC 230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor	
Led colour	-	-	Red	
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	
Cable jacket colour	Black	Black	Black	
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G0.75mm ²	
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)	
Cable length	1m	1m	1m	
Packaging				
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.	
Other accessories options				
See accessories section				
Notes:				
Connector available with different features: See the cable codification scheme page See the cables list section				



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	B	B	B
Part number	CM1N02000C021	CM1N02D03C021	CM1N02L01C021 CM1N02L02C021 CM1N02L03C021
Description	Rectangular connector CM1 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led		
Led colour	-	-	Red		
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm		
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black	Black	Black		
No. Conductors / Section	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)		
Cable length	1m	1m	1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

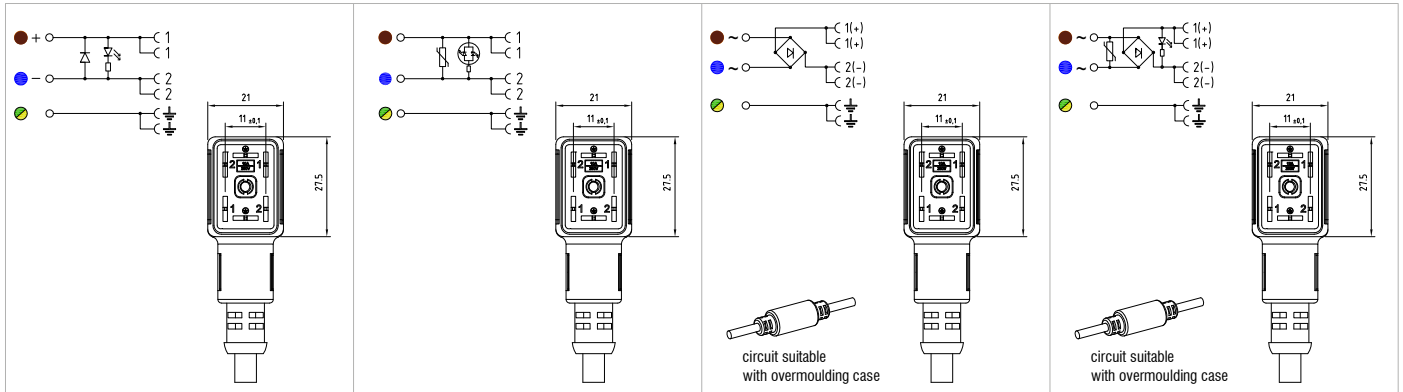
See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

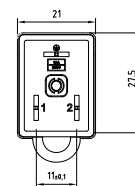
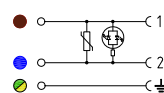
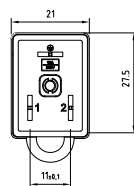
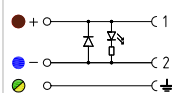
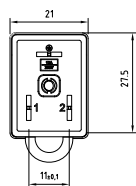
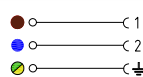
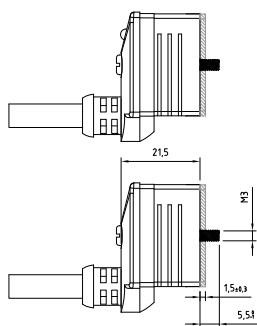
Moulded cable connectors - Form B - Industrial



Product description											
DIN valve connectors			DIN valve connectors			DIN valve connectors			DIN valve connectors		
Industrial			Industrial			Industrial			Industrial		
B			B			B			B		
CM1N02DL1C021	CM1N02DL2C021	CM1N02DL3C021	CM1N02VL1C021	CM1N02VL2C021	CM1N02VL3C021	CM1N02R03C021			CM1N02RL1C021	CM1N02RL2C021	CM1N02RL3C021
Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.		
11mm			11mm			11mm			11mm		
2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
H.6-12			H.6-12			H.6-12			H.6-12		
Black			Black			Black			Black		
22.9mm			22.9mm			22.9mm			22.9mm		
Integrated NBR gasket			Integrated NBR gasket			Integrated NBR gasket			Integrated NBR gasket		
Technical data											
24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	1-230V AC			24V AC	115V AC	230V AC
Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bridge Rectifier			Full-Wave Bridge Rectifier + Varistor + Led		
Red			Red			-			Red		
M3 L=25mm			M3 L=25mm			M3 L=25mm			M3 L=25mm		
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
0.5 N*m			0.5 N*m			0.5 N*m			0.5 N*m		
PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF		
Black			Black			Black			Black		
3G0.75mm²			3G0.75mm²			3G0.75mm²			3G0.75mm²		
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green		
ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)		
1m			1m			1m			1m		
Packaging											
Qty/Box			Variable according cable length.			Variable according cable length.			Variable according cable length.		
Other accessories options											
See accessories section											
Notes:											
Connector available with different feautres: See the cable codification scheme page See the cables list section											



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	B	B	B
Part number	CM1BN02000B021	CM1BN02DL1B021 CM1BN02DL2B021 CM1BN02DL3B021	CM1BN02VL1B021 CM1BN02VL2B021 CM1BN02VL3B021
Description	Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.12	H.12	H.12
Housing colour	Black	Black	Black
Housing height	21.5mm	21.5mm	21.5mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	-	Red			Red		
Central fixing screw	M3 L=26mm	M3 L=26mm			M3 L=26mm		
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m			0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black	Black			Black		
No. Conductors / Section	3G0.75mm ²	3G0.75mm ²			3G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)	ø6.7mm (±0.3)			ø6.7mm (±0.3)		
Cable length	1m	1m			1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

See accessories section

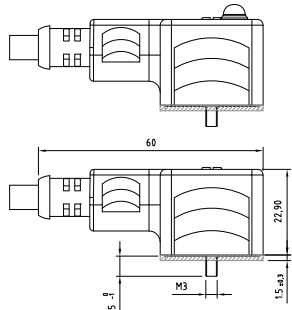
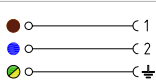
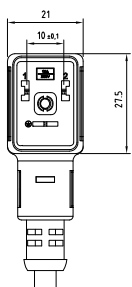
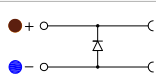
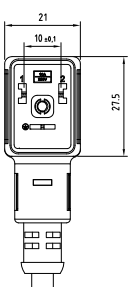
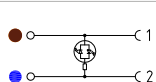
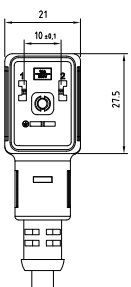
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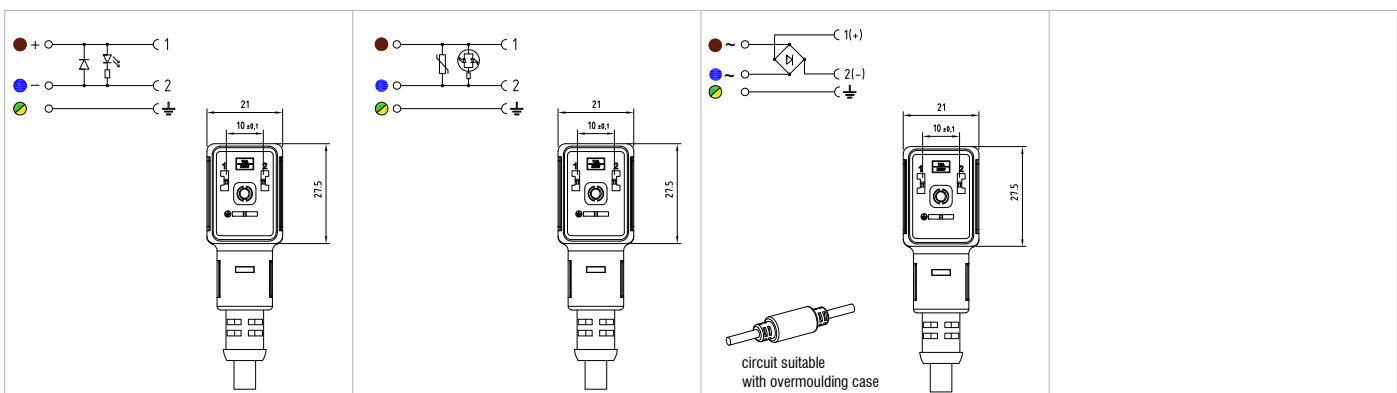
Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

Moulded cable connectors - Form B
EN175301-803(DIN43650)



Technical drawing								
		 		 		 		
Product description								
Connector type	DIN valve connectors		DIN valve connectors		DIN valve connectors			
Conforms to	EN175301-803		EN175301-803		EN175301-803			
Construction type	B		B		B			
Part number	CM2N02000A021		CM2N02D03A021		CM2N02L01A021 CM2N02L02A021 CM2N02L03A021			
Description	Rectangular connector CM2 series complete with gasket and fixing screw. Connector without electronic.		Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.		Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.			
Contacts spacing	10mm		10mm		10mm			
Number of contacts	2poles + P.E.		2poles + P.E.		2poles + P.E.			
Earth positioning	H.6		H.6		H.6			
Housing colour	Black		Black		Black			
Housing height	22.9mm		22.9mm		22.9mm			
Gasket type	Integrated NBR gasket		Integrated NBR gasket		Integrated NBR gasket			
Technical data								
Rated voltage	250V AC/ 300VDC		1-230V DC		24V AC/ DC		115V AC/DC	230V AC/DC
Circuit type	-		Diode(1A)		Bipolar Led			
Led colour	-		-		Red			
Central fixing screw	M3 L=25mm		M3 L=25mm		M3 L=25mm			
Central fixing screw material	Iron+Zinc plated		Iron+Zinc plated		Iron+Zinc plated			
Central screw torque	0.5 N*m		0.5 N*m		0.5 N*m			
Cable type	PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF			
Cable jacket colour	Black		Black		Black			
No. Conductors / Section	3G0.75mm²		3G0.75mm²		3G0.75mm²			
Conductor colours	Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green			
Cable diameter	ø6.7mm (±0.3)		ø6.7mm (±0.3)		ø6.7mm (±0.3)			
Cable length	1m		1m		1m			
Packaging								
Qty/Box	Variable according cable length.		Variable according cable length.		Variable according cable length.			
Other accessories options								
See accessories section								
Notes:								
Connector available with different feautres: See the cable codification scheme page See the cables list section								



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	
EN175301-803	EN175301-803	EN175301-803	
B	B	B	
CM2N02DL1A021 CM2N02DL2A021 CM2N02DL3A021	CM2N02VL1A021 CM2N02VL2A021 CM2N02VL3A021	CM2N02R03A021	
Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	
10mm	10mm	10mm	
2poles + P.E.	2poles + P.E.	2poles + P.E.	
H.6	H.6	H.6	
Black	Black	Black	
22.9mm	22.9mm	22.9mm	
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	

Technical data

24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	1-230V AC	
Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bridge Rectifier	
Red			Red			-	
M3 L=25mm			M3 L=25mm			M3 L=25mm	
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated	
0.5 N*m			0.5 N*m			0.5 N*m	
PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF	
Black			Black			Black	
3G0.75mm ²			3G0.75mm ²			3G0.75mm ²	
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green	
ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)	
1m			1m			1m	

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	
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Other accessories options

See accessories section

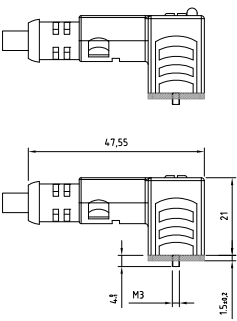
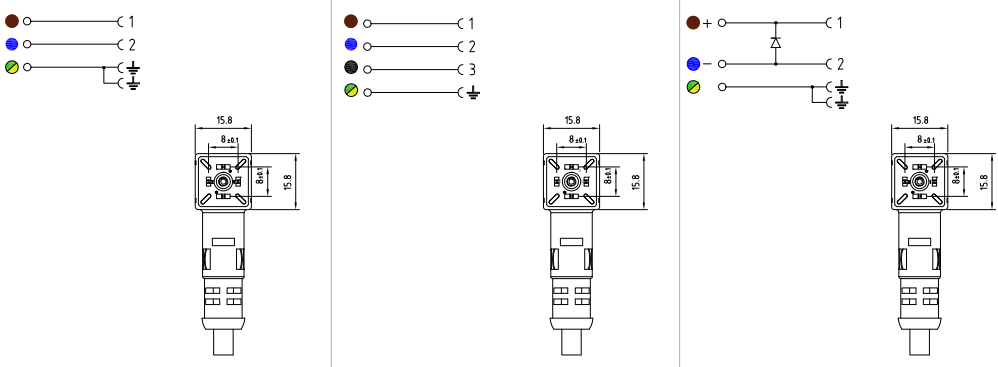
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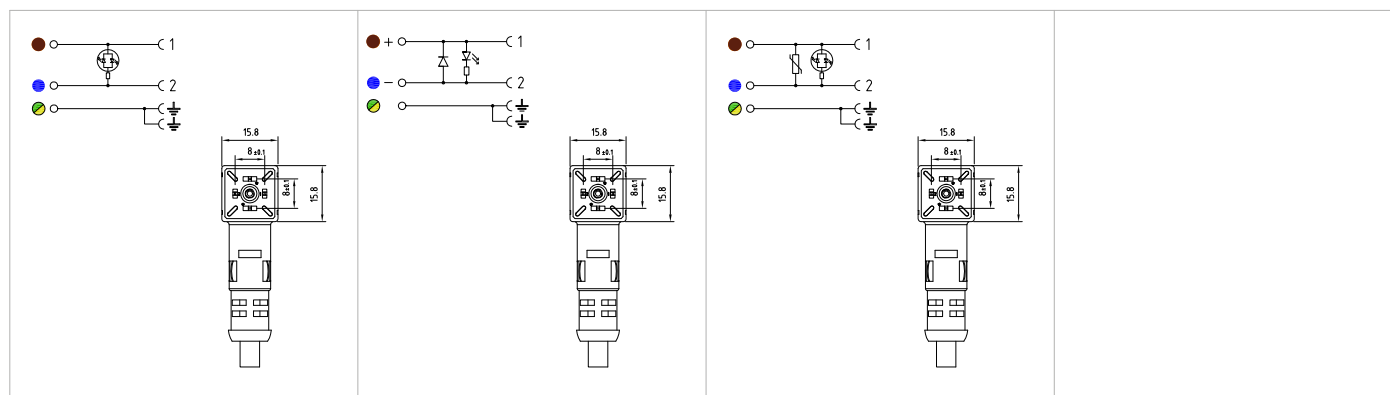
Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

Moulded cable connectors - Form C
EN175301-803(DIN43650)



Technical drawing 			
			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	CP1N02000C011	CP1N03000AB11	CP1N02D03C011
Description	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	-
Led colour	-	-	-
Central fixing screw	M2.5 L=22.5mm	M2.5 L=22.5mm	M2.5 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF
Cable jacket colour	Black	Black	Black
No.Conductors / Section	3G0.5mm ²	4G0.5mm ²	3G0.5mm ²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)
Cable length	1m	1m	1m
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options			
See accessories section			
Notes:			
Connector available with different features: See the cable codification scheme page See the cables list section			



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	
EN175301-803	EN175301-803	EN175301-803	
C	C	C	
CP1N02L01C011 CP1N02L02C011 CP1N02L03C011	CP1N02DL1C011 CP1N02DL2C011 CP1N02DL3C011	CP1N02VL1C011 CP1N02VL2C011 CP1N02VL3C011	
Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	
8mm	8mm	8mm	
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
H.6-12	H.6-12	H.6-12	
Black	Black	Black	
21mm	21mm	21mm	
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	

Technical data

24V AC/ DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor			
Red			Red			Red			
M2.5 L=22.5mm			M2.5 L=22.5mm			M2.5 L=22.5mm			
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated			
0.4 N/m			0.4 N/m			0.4 N/m			
PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			
Black			Black			Black			
3G0.5mm ²			3G0.5mm ²			3G0.5mm ²			
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			
ø5mm (±0.3)			ø5mm (±0.3)			ø5mm (±0.3)			
1m			1m			1m			

Packaging

Variable according cable length.	Variable according cable length.	Variable according cable length.	
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Other accessories options

See accessories section

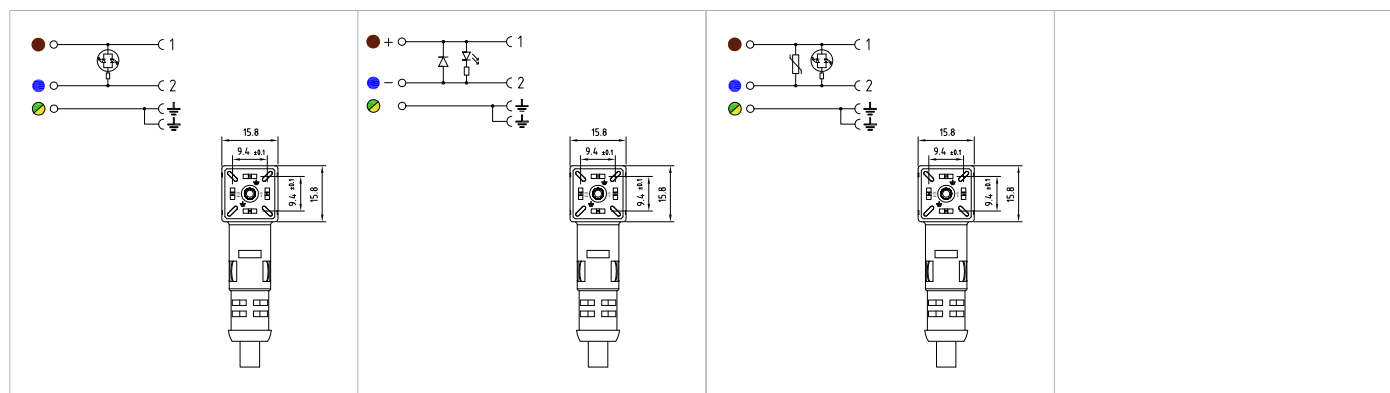
Notes:

Connector available with different feautres:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS Moulded cable connectors - Form C - Industrial



Technical drawing			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	CP2N02000C011	CP2N03000AB11	CP2N02D03C011
Description	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	-
Led colour	-	-	-
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF
Cable jacket colour	Black	Black	Black
No.Conductors / Section	3G0.5mm²	4G0.5mm²	3G0.5mm²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)
Cable length	1m	1m	1m
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
Other accessories options			
See accessories section			
Notes:			
Connector available with different features: See the cable codification scheme page See the cables list section			



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	
Industrial	Industrial	Industrial	
C	C	C	
CP2N02L01C011 CP2N02L02C011 CP2N02L03C011	CP1N02DL1C011 CP1N02DL2C011 CP1N02DL3C011	CP2N02VL1C011 CP2N02VL2C011 CP2N02VL3C011	
Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	
9.4mm	9.4mm	9.4mm	
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
H.6-12	H.6-12	H.6-12	
Black	Black	Black	
21mm	21mm	21mm	
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	

Technical data

24V AC/ DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor			
Red			Red			Red			
M3 L=22.5mm			M3 L=22.5mm			M3 L=22.5mm			
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated			
0.5 N*m			0.5 N*m			0.5 N*m			
PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			
Black			Black			Black			
3G0.5mm ²			3G0.5mm ²			3G0.5mm ²			
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			
ø5mm (±0.3)			ø5mm (±0.3)			ø5mm (±0.3)			
1m			1m			1m			

Packaging

Variable according cable length.	Variable according cable length.	Variable according cable length.	
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Other accessories options

See accessories section

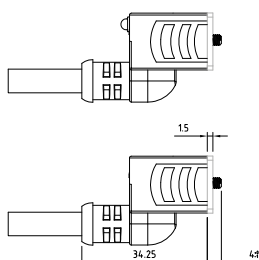
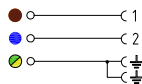
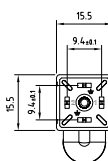
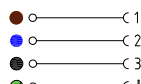
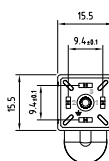
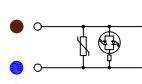
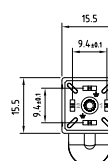
Notes:

Connector available with different feautres:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

Moulded cable connectors - Form C - Industrial



Technical drawing				
		 		 
 				
Product description				
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors	
Conforms to	Industrial	Industrial	Industrial	
Construction type	C	C	C	
Part number	CP2CN02000C011	CP2CN03000AB11	CP2CN02VL1C011	CP2CN02VL2C011 CP2CN02VL3C011
Description	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.	
Contacts spacing	9.4mm	9.4mm	9.4mm	
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.	
Earth positioning	H.6-12	H.6	H.6-12	
Housing colour	Black	Black	Black	
Housing height	21mm	21mm	21mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	
Technical data				
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC	115V AC/DC 230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor	
Led colour	-	-	Red	
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	
Cable jacket colour	Black	Black	Black	
No. Conductors / Section	3G0.5mm²	4G0.5mm²	3G0.5mm²	
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green	
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)	
Cable length	1m	1m	1m	
Packaging				
Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.	
Other accessories options				
See accessories section				
Notes: Connector available with different feautres: See the cable codification scheme page See the cables list section				

• GENERAL FEATURES:

Conductor cross section :

BG series: Max. 1.00mm²(19AWG).

BM series: Max. 1.00mm²(19AWG).

BP series: Max. 0.75mm² (18AWG).

Fixing system :

Central fixing screw.

Max- screw torque IEC60947-1

(Central fixing nut) :

BG series - BM1series - BP2 series: Max. 0.5 N * m.

BP1 series: Max. 0.4 N * m.

Type of terminations :

To Solder.

Contact material and treatment :

Brass + Silver plated.

Base material :

PA66.

Flammability resistance :

UL94-V2 - Standard.

UL94-V0 - UL approved (upon request).

Protection class :

IP 65 coupled.

Operating temperature :

-40°C +90°C Standard base

-40°C +65°C UL approved base (-UL)

-40°C +90°C UL approved base (-UL90)

-40°C +90°C with NBR gasket.

-40°C +125°C with Silicone gasket.

Nominal current :

10A (BP1-BP2 series: 6A).

Max contact current :

16A (BP1-BP2 series: 10A).

SERIES | BG1 | N | 0 | 2 | 00 | 0 | - | ##

SERIES

BG0 : SQUARE EN175301-803 BASE form A (18mm)

WITH No.4 FIXING HOLES.

BG1 : SQUARE EN175301-803 BASE form A (18mm)

WITH No.4 FIXING HOLES.

BG4 : SQUARE EN175301-803 BASE form A (18mm)

WITH No.4 FIXING HOLES + CIRCULAR PART ø22mm.

BG5 : SQUARE EN175301-803 BASE form A (18mm)

WITH No.2 FIXING HOLES.

BG7 : CIRCULAR EN175301-803 form A (18mm) ø27mm.

BG8 : SQUARE EN175301-803 form A (18mm) SUITABLE

FOR CYLINDERS ø80mm.

BG10 : SQUARE EN175301-803 form A (18mm) SUITABLE

FOR CYLINDERS ø100mm.

BG16 : SQUARE EN175301-803 form A (18mm) SUITABLE

FOR CYLINDERS ø160mm.

BG33 : SQUARE EN175301-803 form A (18mm) SUITABLE

FOR CYLINDERS ø33mm.

BG42 : SQUARE EN175301-803 form A (18mm) SUITABLE

FOR CYLINDERS ø42mm.

BGR : CIRCULAR EN175301-803 form A (18mm) with M27

FIXING CIRCULAR NUT.

BM1 : RECTANGULAR INDUSTRIAL form B (11mm)

BP1 : SQUARE MICRO EN175301-803 form C (8mm)

BP2 : SQUARE MICRO INDUSTRIAL form C (9.4mm)

BP3 : SQUARE MICRO INDUSTRIAL form C (9.4mm) WITH

CIRCULAR PART ø15.2mm.

COLOUR

G : GREY. N : BLACK (STANDARD). T : TRANSPARENT.

0

POLES No.

2 : 2POLES + EARTH. 3 : 3POLES + EARTH.

CIRCUIT TYPE

00 : WITHOUT ELECTRONIC.

VOLTAGE

0 : 250V / 300V.

SOME VARIABLES

UL : UL APPROVED +65°C.

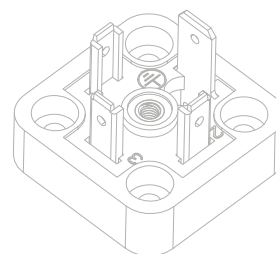
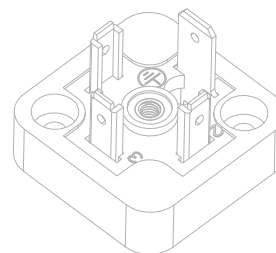
UL90: UL APPROVED +90°C

PG11 : BGR SERIES WITH ADAPTER FROM M27 TO PG11.

PG13.5 : BGR SERIES WITH ADAPTER FROM M27 TO PG13.5.

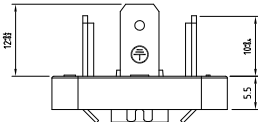
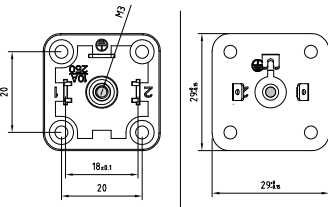
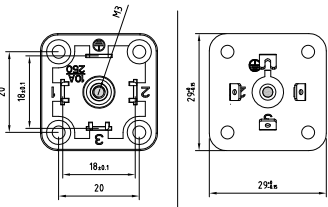
M20 : BGR SERIES WITH ADAPTER FROM M27 TO M20X1.5.

1/2" NPTF : BGR SERIES WITH ADAPTER FROM M27 TO 1/2" NPTF.



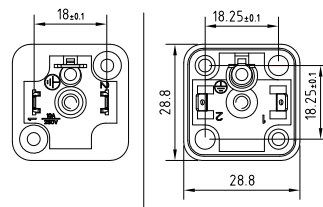
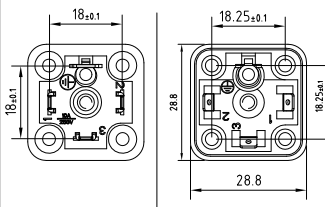
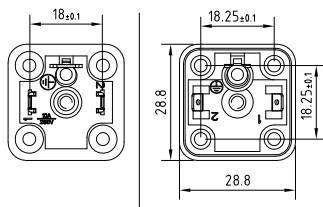
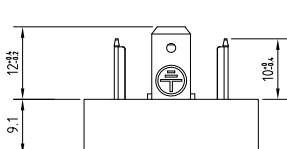
VALVE CONNECTORS
Bases Form A - EN175301-803(DIN43650)



Technical drawing		
		
Product description		
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG0N02000	BG0N03000
Description	Square base connector BG0 series complete with gasket and fixing screws.	Square base connector BG0 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	5.5mm	5.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket
Technical data		
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x4)	M3 L=7.3mm	M3 L=7.3mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Closed	M3 Closed
Packaging		
Qty/Box	200pcs / box	200pcs / box
Other accessories options		
See accessories section		
Notes:		
	Base in Grey colour: P/N BG0G02000	Base in Grey colour: P/N BG0G03000



Technical drawing



Product description

Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG1N02000	BG1N03000	BG5N02000
Description	Square base connector BG1 series complete with gasket and fixing screws.	Square base connector BG1 series complete with gasket and fixing screws.	Square base connector BG5 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	9.1mm	9.1mm	9.1mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4	N°2
Diameter of fixing holes	ø3.2mm	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x4)	M3 L=10mm	M3 L=10mm	M3 L=10mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Earth fixing screws length	M3 L=4.8mm	M3 L=4.8mm	M3 L=4.8mm
Earth screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Central nut type	M3 Open	M3 Open	M3 Open

Packaging

Qty/Box	200pcs / box	200pcs / box	200pcs / box
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Other accessories options

See accessories section

Notes:

Base in Grey colour: P/N BG1G02000

Base in Grey colour: P/N BG1G03000

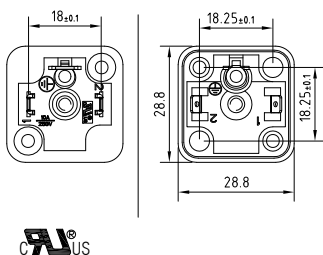
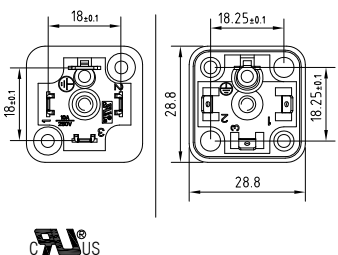
Base in Grey colour: P/N BG5G02000

VALVE CONNECTORS Bases Form A - EN175301-803(DIN43650)



Technical drawing			
Product description			
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG5N03000	BG1N02000-UL	BG1N03000-UL
Description	Square base connector BG5 series complete with gasket and fixing screws.	Square base connector BG1 series, UL approved, complete with gasket and fixing screws.	Square base connector BG1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	18mm	18mm	18mm
Number of contacts	3poles + P.E.	2poles + P.E.	3poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	9.1mm	9.1mm	9.1mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°2	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x4)	M3 L=10mm	M3 L=10mm	M3 L=10mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	M3 L=4.8mm	M3 L=4.8mm	M3 L=4.8mm
Earth screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Central nut type	M3 Open	M3 Open	M3 Open
Packaging			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			
Base in Grey colour: P/N BG5G03000			



			
Product description			
Square base for DIN valve connectors	Square base for DIN valve connectors		
EN175301-803	EN175301-803		
A	A		
BG5N02000-UL	BG5N03000-UL		
Square base connector BG5 series, UL approved, complete with gasket and fixing screws.	Square base connector BG5 series, UL approved, complete with gasket and fixing screws.		
18mm	18mm		
2poles + P.E.	3poles + P.E.		
-	-		
Black	Black		
9.1mm	9.1mm		
Flat NBR gasket	Flat NBR gasket		
Technical data			
250V AC/ 300VDC	250V AC/ 300VDC		
N°2	N°2		
ø3.2mm	ø3.2mm		
Iron+Zinc plated	Iron+Zinc plated		
M3 L=10mm	M3 L=10mm		
0.5 N*m	0.5 N*m		
Iron+Zinc plated	Iron+Zinc plated		
M3 L=4.8mm	M3 L=4.8mm		
0.5 N*m	0.5 N*m		
M3 Open	M3 Open		
Packaging			
200pcs / box	200pcs / box		
Other accessories options			
See accessories section			
Notes:			

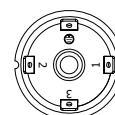
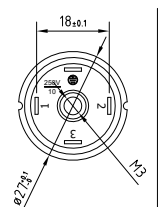
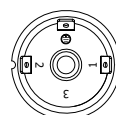
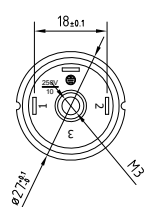
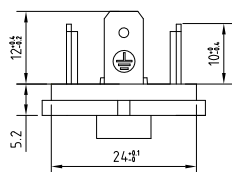
VALVE CONNECTORS
Bases Form A - EN175301-803(DIN43650)



Technical drawing		
Product description		
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG4N02000	BG4N03000
Description	Square base connector BG4 series complete with gasket and fixing screws.	Square base connector BG4 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	9.5mm	9.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket
Technical data		
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x4)	M3 L=7.3mm	M3 L=7.3mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Hexagonal closed	M3 Hexagonal closed
Packaging		
Qty/Box	200pcs / box	200pcs / box
Other accessories options		
See accessories section		
Notes:		
	Base in Grey colour: P/N BG4G02000	Base in Grey colour: P/N BG4G03000



Technical drawing



Product description

Connector type	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG7N02000	BG7N03000
Description	Circular base connector BG7 series without gasket and fixing screws.	Circular base connector BG7 series without gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	5.2mm	5.2mm
Gasket type	-	-

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-
Diameter of fixing holes	-	-
Fixing screws material	-	-
Fixing screws length	-	-
Fixing screws torque	-	-
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Closed	M3 Closed

Packaging

Qty/Box	200pcs / box	200pcs / box
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Other accessories options

See accessories section		
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Notes:

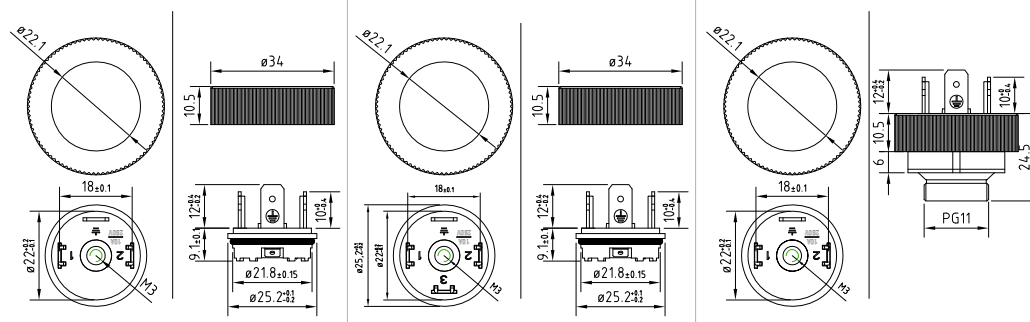
Base in Grey colour: P/N BG7G02000

Base in Grey colour: P/N BG7G03000

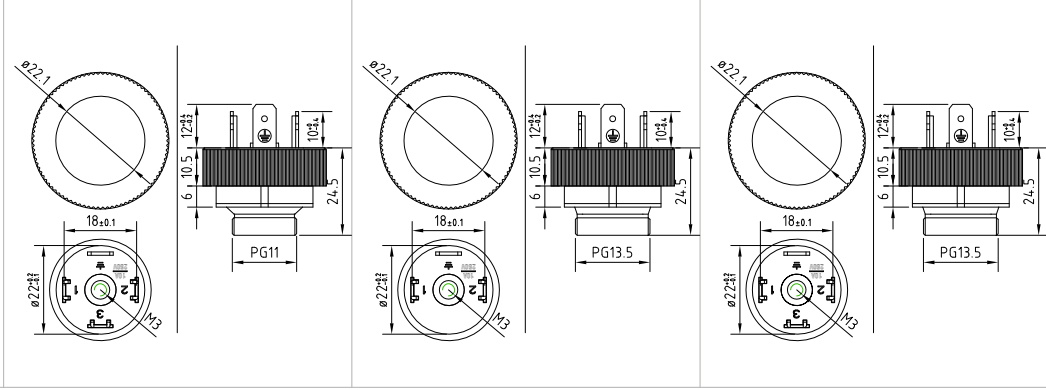
VALVE CONNECTORS

Bases Form A - EN175301-803(DIN43650)

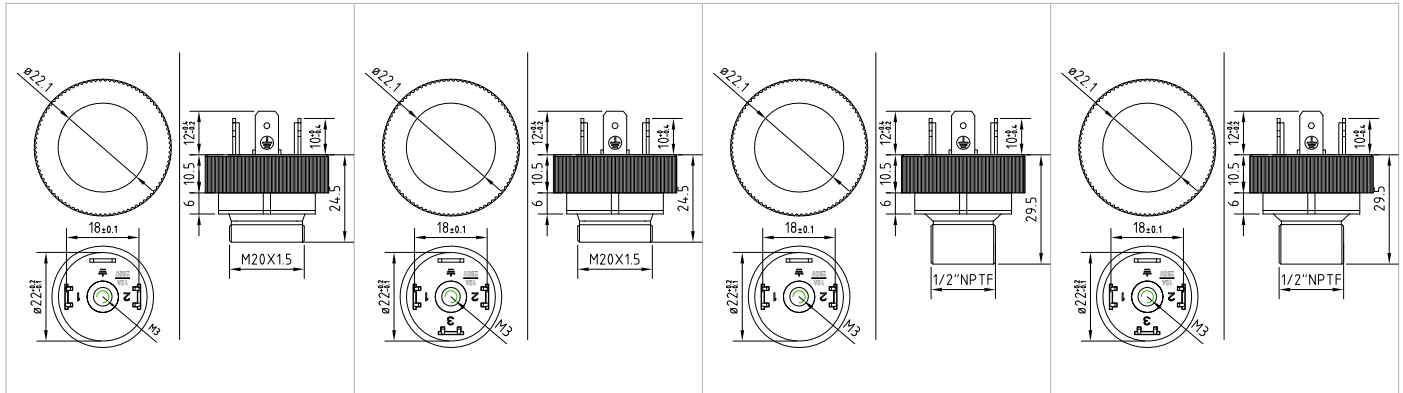


Technical drawing			
			
Product description			
Connector type	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BGRN02000	BGRN03000	BGRN02000-PG11
Description	Circular base connector BGR series with plastic fixing nut M27X1.5. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG11 reduction. Base without fixing screws
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	10.5mm (with plastic fixing nut)	10.5mm (with plastic fixing nut)	24.5mm (with fixing nut and reduction)
Gasket type	-	-	-
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-	-
Diameter of fixing holes	-	-	-
Fixing screws material	-	-	-
Fixing screws length	-	-	-
Fixing screws torque	-	-	-
Earth fixing screw material	-	-	-
Earth fixing screws length	-	-	-
Earth screw torque	-	-	-
Central nut type	M3 Open	M3 Open	M3 Open
Reduction type	-	-	From M27x1.5 to PG11
Packaging			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			
	Base in Grey colour: P/N BGRG02000	Base in Grey colour: P/N BGRG03000	



Technical drawing			
			
Product description			
Connector type	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BGRN03000-PG11	BGRN02000-PG13.5	BGRN03000-PG13.5
Description	Circular base connector BGR series with plastic fixing nut M27X1.5+PG11 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG13.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG13.5 reduction. Base without fixing screws
Contacts spacing	18mm	18mm	18mm
Number of contacts	3poles + P.E.	2poles + P.E.	3poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)
Gasket type	-	-	-
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-	-
Diameter of fixing holes	-	-	-
Fixing screws material	-	-	-
Fixing screws length	-	-	-
Fixing screws torque	-	-	-
Earth fixing screw material	-	-	-
Earth fixing screws length	-	-	-
Earth screw torque	-	-	-
Central nut type	M3 Open	M3 Open	M3 Open
Reduction type	From M27x1.5 to PG11	From M27x1.5 to PG13.5	From M27x1.5 to PG13.5
Packaging			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			

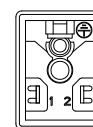
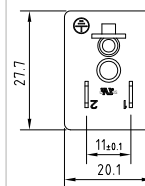
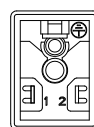
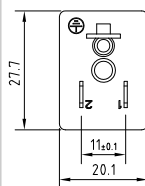
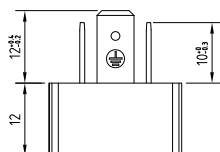
VALVE CONNECTORS Bases Form A - EN175301-803(DIN43650)



Product description			
Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
BGRN02000-M20	BGRN03000-M20	BGRN02000-1/2NPTF	BGRN03000-1/2NPTF
Circular base connector BGR series with plastic fixing nut M27X1.5 + M20x1.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + M20x1.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + 1/2NPTF reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + 1/2NPTF reduction. Base without fixing screws
18mm	18mm	18mm	18mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
-	-	-	-
Black	Black	Black	Black
24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)	29.5mm (with fixing nut and reduction)	29.5mm (with fixing nut and reduction)
-	-	-	-
Technical data			
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
M3 Open	M3 Open	M3 Open	M3 Open
From M27x1.5 to M20x1.5	From M27x1.5 to M20x1.5	From M27x1.5 to 1/2"NPTF	From M27x1.5 to 1/2"NPTF
Packaging			
200pcs / box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			



Technical drawing



 US

Product description

Connector type	Rectangular base for DIN valve connectors	Rectangular base for DIN valve connectors
Conforms to	Industrial	Industrial
Construction type	B	B
Part number	BM1N02000	BM1N02000-UL
Description	Rectangular base connector BM1 series complete with gasket and fixing screws.	Rectangular base connector BM1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	12mm	12mm
Gasket type	Flat NBR gasket	Flat NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-
Diameter of fixing holes	-	-
Fixing screws material (x1)	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x1)	M3(int.)-M4(ext.) L=15.5mm	M3(int.)-M4(ext.) L=15.5mm
Fixing screws torque (x1)	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Earth fixing screws length	M3 L=5mm	M3 L=5mm
Earth screw torque	0.5 N*m	0.5 N*m
Central nut type	-	-

Packaging

Qty/Box	200pcs / box	200pcs / box
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Other accessories options

See accessories section

Notes:

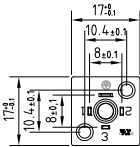
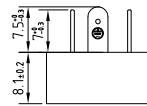
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VALVE CONNECTORS Bases Form C - EN175301-803(DIN43650)



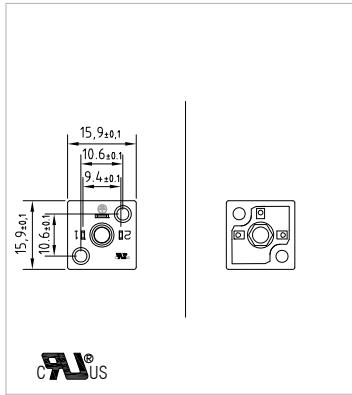
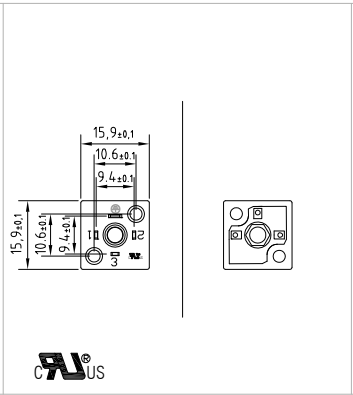
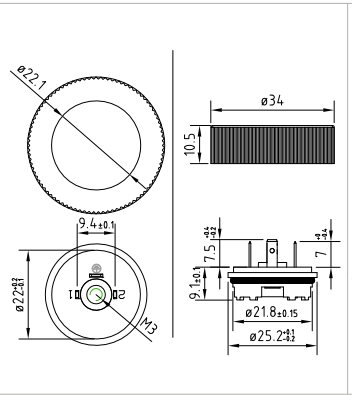
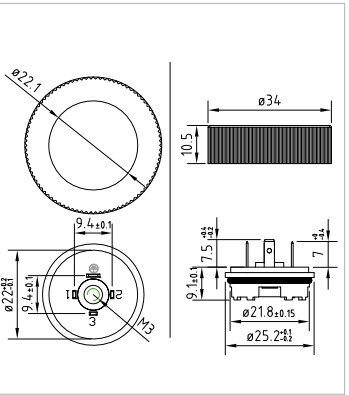
Technical drawing			
Product description			
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	BP1N02000	BP1N03000	BP1N02000-UL
Description	Square base connector BP1 series complete with gasket and fixing screws.	Square base connector BP1 series complete with gasket and fixing screws.	Square base connector BP1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	8.5mm	8.5mm	8.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°2	N°2	N°2
Diameter of fixing holes	ø3mm	ø3mm	ø3mm
Fixing screws material (x1)	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x1)	M2.5 L=8mm	M2.5 L=8mm	M2.5 L=8mm
Fixing screws torque (x1)	0.4 N*m	0.4 N*m	0.4 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	-	-	-
Earth screw torque	-	-	-
Central nut type	M2.5 Open	M2.5 Open	M2.5 Open
Packaging			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
Other accessories options to be ordered separately see page			
Notes:			
	Base in Grey colour: P/N BP1G02000	Base in Grey colour: P/N BP1G03000	

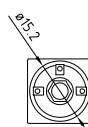
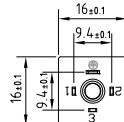
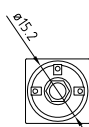
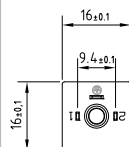
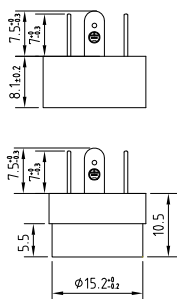


17±1 10.4+0.1 8±0.1 10.6±0.1 9.4±0.1 1 2 3 ⏚      	Technical drawing		
	Product description		
Square base for DIN valve connectors	Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
EN175301-803	Conforms to	Industrial	Industrial
C	Construction type	C	C
BP1N03000-UL	Part number	BP2N02000	BP2N03000
Square base connector BP1 series, UL approved, complete with gasket and fixing screws.	Description	Square base connector BP2 series complete with gasket and fixing screws.	Square base connector BP2 series complete with gasket and fixing screws.
8mm	Contacts spacing	9.4mm	9.4mm
3poles + P.E.	Number of contacts	2poles + P.E.	3poles + P.E.
-	Earth positioning	-	-
Black	Base colour	Black	Black
8.5mm	Base height	8.5mm	8.5mm
Flat NBR gasket	Gasket type	Flat NBR gasket	Flat NBR gasket
	Technical data		
250V AC/ 300VDC	Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
N°2	Number of fixing holes	N°2	N°2
ø3mm	Diameter of fixing holes	ø3mm	ø3mm
Iron+ Zinc plated	Fixing screws material (x1)	Iron+ Zinc plated	Iron+ Zinc plated
M2.5 L=8mm	Fixing screws length (x1)	M3 L=8mm	M3 L=8mm
0.4 N*m	Fixing screws torque (x1)	0.5 N*m	0.5 N*m
Iron+ Zinc plated	Earth fixing screw material	Iron+ Zinc plated	Iron+ Zinc plated
-	Earth fixing screws length	-	-
-	Earth screw torque	-	-
M2.5 Open	Central nut type	M3 Open	M3 Open
	Packaging		
200pcs / box	Qty/Box	400pcs / box	400pcs / box
	Other accessories options		
	to be ordered separately see page		
	Notes:		
		Base in Grey colour: P/N BP2G02000	Base in Grey colour: P/N BP2G03000

VALVE CONNECTORS Bases Form C - Industrial



			
Square base for DIN valve connectors	Square base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Industrial	Industrial	Industrial	Industrial
C	C	C	C
BP2N02000-UL	BP2N03000-UL	BP2RN02000	BP2RN03000
Square base connector BP2 series, UL approved, complete with gasket and fixing screws.	Square base connector BP2 series, UL approved, complete with gasket and fixing screws.	Circular base connector BP2R series with plastic fixing nut M27X1.5. Base without fixing screws	Circular base connector BP2R series with plastic fixing nut M27X1.5. Base without fixing screws
9,4mm	9,4mm	9,4mm	9,4mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
-	-	-	-
Black	Black	Black	Black
8.5mm	8.5mm	10.5mm (with plastic fixing nut)	10.5mm (with plastic fixing nut)
Flat NBR gasket	Flat NBR gasket	-	-
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
N°2	N°2	-	-
ø3mm	ø3mm	-	-
Iron + Zinc plated	Iron + Zinc plated	-	-
M3 L=8mm	M3 L=8mm	-	-
0.5 N*m	0.5 N*m	-	-
Iron + Zinc plated	Iron + Zinc plated	-	-
-	-	-	-
-	-	-	-
M3 Open	M3 Open	M3 Open	M3 Open
-	-	-	-
400pcs / box	400pcs / box	200pcs / box	200pcs / box
		Base available with different reductions: P/N BP2RN02000-PG11 P/N BP2RN02000-PG13.5 P/N BP2RN02000-M20 P/N BP2RN02000-1/2NPTF	Base available with different reductions: P/N BP2RN03000-PG11 P/N BP2RN03000-PG13.5 P/N BP2RN03000-M20 P/N BP2RN03000-1/2NPTF


Technical drawing

Product description

Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	
Conforms to	Industrial	Industrial	
Construction type	C	C	
Part number	BP3N02000	BP3N03000	
Description	Square base connector BP3 series complete with gasket	Square base connector BP3 series complete with gasket	
Contacts spacing	9.4mm	9.4mm	
Number of contacts	2poles + P.E.	3poles + P.E.	
Earth positioning	-	-	
Base colour	Black	Black	
Base height	10.5mm	10.5mm	
Gasket type	Flat NBR gasket	Flat NBR gasket	

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	
Number of fixing holes	-	-	
Diameter of fixing holes	-	-	
Fixing screws material (x1)	-	-	
Fixing screws length (x1)	-	-	
Fixing screws torque (x1)	-	-	
Earth fixing screw material	-	-	
Earth fixing screws length	-	-	
Earth screw torque	-	-	
Central nut type	M3 Open	M3 Open	

Packaging

Qty/Box	300pcs / box	300pcs / box	
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Other accessories options

to be ordered separately see page

Notes:

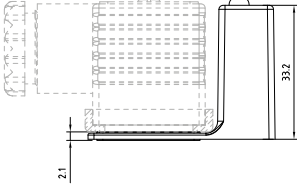
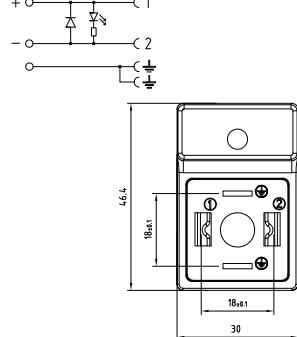
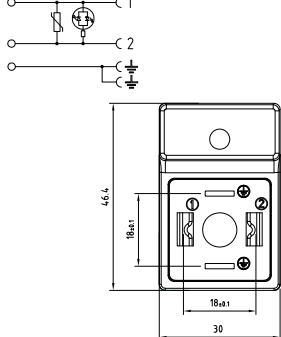
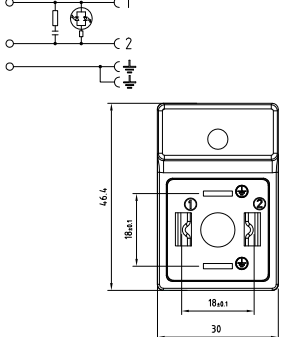
Base in Grey colour: P/N BP3G02000

Base in Grey colour: P/N BP3G03000

VALVE CONNECTORS

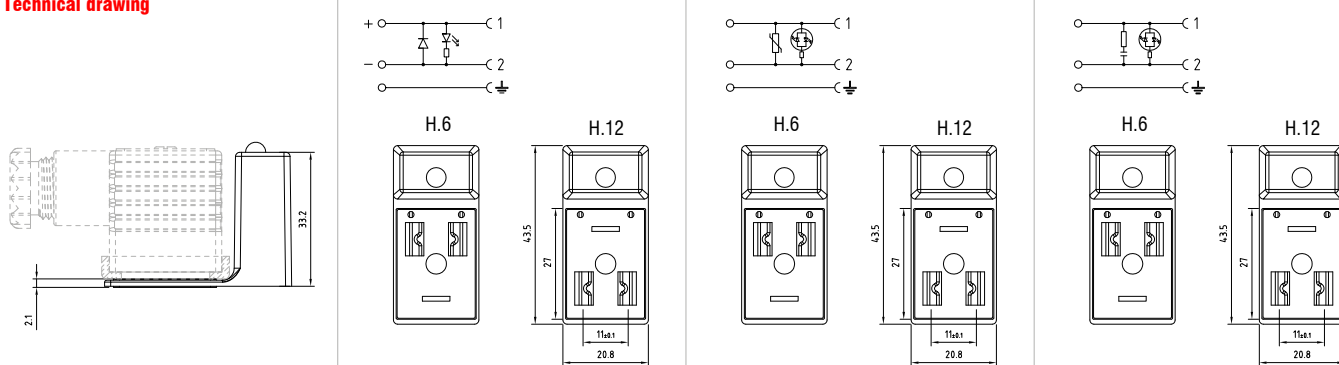
Adapters bases for DIN Valve connectors - Form A
EN175301-803(DIN43650)



Technical drawing											
											
Product description											
Connector type			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to			EN175301-803			EN175301-803			EN175301-803		
Construction type			A			A			A		
Part number			AG1N02DL1 AG1N02DL2 AG1N02DL3			AG1N02VL1 AG1N02VL2 AG1N02VL3			AG1N02FL1 AG1N02FL2 AG1N02FL3		
Description			Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series		
Contacts spacing			18mm			18mm			18mm		
Number of contacts			2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
Earth positioning			H.6-12			H.6-12			H.6-12		
Adapter colour			Black			Black			Black		
Adapter height			33.2mm			33.2mm			33.2mm		
Technical data											
Rated voltage			24V DC 115V DC 230V DC			24V AC/DC 115V AC/DC 230V AC/DC			24V AC/DC 115V AC/DC 230V AC/DC		
Circuit type			Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit		
Led colour			Red			Red			Red		
Packaging											
Qty/Bag			1pc / bag			1pc / bag			1pc / bag		
Other accessories options											
-											
Notes:			Adapter available with different led colour. Adapter available with different circuits.			Adapter available with different led colour. Adapter available with different circuits.			Adapter available with different led colour. Adapter available with different circuits.		



Technical drawing



Product description

Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	Industrial			Industrial			Industrial		
Construction type	B			B			B		
Part number (P.E. H.6)	AM1N02DL1A AM1N02DL2A AM1N02DL3A			AM1N02VL1A AM1N02VL2A AM1N02VL3A			AM1N02FL1A AM1N02FL2A AM1N02FL3A		
Part number (P.E. H.12)	AM1N02DL1B AM1N02DL2B AM1N02DL3B			AM1N02VL1B AM1N02VL2B AM1N02VL3B			AM1N02FL1B AM1N02FL2B AM1N02FL3B		
Description	Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series		
Contacts spacing	11mm			11mm			11mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 or H.12			H.6 or H.12			H.6 or H.12		
Adapter colour	Black			Black			Black		
Adapter height	33.2mm			33.2mm			33.2mm		

Technical data

Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit		
Led colour	Red			Red			Red		

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

-

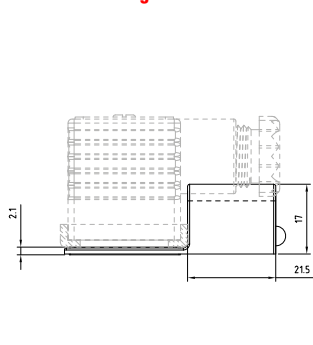
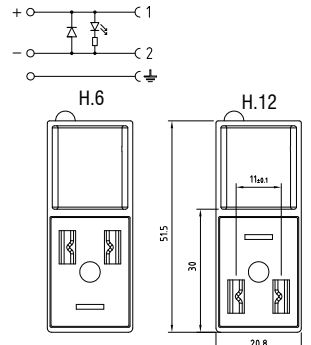
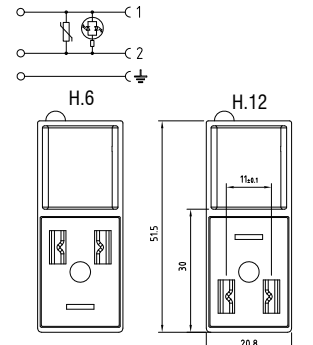
Notes:

Adapter available with different led colour.
Adapter available with different circuits.

VALVE CONNECTORS

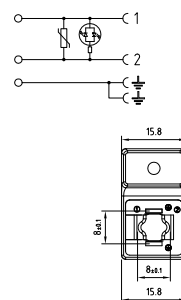
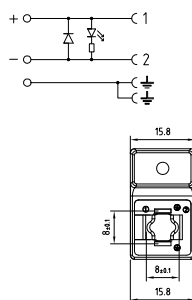
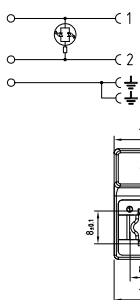
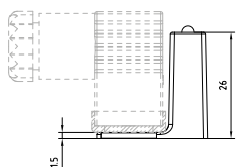
Adapters bases for DIN Valve connectors - Form B
Industrial



Technical drawing 							
Product description							
Connector type		Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to		Industrial			Industrial		
Construction type		B			B		
Part number (P.E. H.6)		AM1N02DL1A-180	AM1N02DL2A-180	AM1N02DL3A-180	AM1N02VL1A-180	AM1N02VL2A-180	AM1N02VL3A-180
Part number (P.E. H.12)		AM1N02DL1B-180	AM1N02DL2B-180	AM1N02DL3B-180	AM1N02VL1B-180	AM1N02VL2B-180	AM1N02VL3B-180
Description		Rectangular straight 180° adapter AM1 series			Rectangular straight 180° adapter AM1 series		
Contacts spacing		11mm			11mm		
Number of contacts		2poles + P.E.			2poles + P.E.		
Earth positioning		H.6 or H.12			H.6 or H.12		
Adapter colour		Black			Black		
Adapter height		33.2mm			33.2mm		
Technical data							
Rated voltage		24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type		Led + Diode(1A)			Bipolar Led + Varistor		
Led colour		Red			Red		
Packaging							
Qty/Bag		1pc / bag			1pc / bag		
Other accessories options							
-							
Notes:							
Adapter available with different led colour.							
Adapter available with different circuits.							



Technical drawing



Product description

Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	C			C			C		
Part number	AP1N02L01	AP1N02L02	AP1N02L03	AP1N02DL1	AP1N02DL2	AP1N02DL3	AP1N02VL1	AP1N02VL2	AP1N02VL3
Description	Square micro angled 90° adapter AP1 series			Square micro angled 90° adapter AP1 series			Square micro angled 90° adapter AP1 series		
Contacts spacing	8mm			8mm			8mm		
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
Earth positioning	H.6-12			H.6-12			H.6-12		
Adapter colour	Black			Black			Black		
Adapter height	26mm			26mm			26mm		

Technical data

Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		

Packaging

Qty/Bag	1pc / bag			1pc / bag			1pc / bag		
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Other accessories options

-									
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Notes:

Adapter available with different led colour.
Adapter available with different circuits.

VALVE CONNECTORS

Adapters bases for DIN Valve connectors - Form C
Industrial



Technical drawing											
Product description											
Connector type			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to			Industrial			Industrial			Industrial		
Construction type			C			C			C		
Part number			AP2N02L01 AP2N02L02 AP2N02L03			AP2N02DL1 AP2N02DL2 AP2N02DL3			AP2N02VL1 AP2N02VL2 AP2N02VL3		
Description			Square micro angled 90° adapter AP2 series			Square micro angled 90° adapter AP2 series			Square micro angled 90° adapter AP2 series		
Contacts spacing			9.4mm			9.4mm			9.4mm		
Number of contacts			2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
Earth positioning			H.6-12			H.6-12			H.6-12		
Adapter colour			Black			Black			Black		
Adapter height			26mm			26mm			26mm		
Technical data											
Rated voltage			24V AC/DC 115V AC/DC 230V AC/DC			24V DC 115V DC 230V DC			24V AC/DC 115V AC/DC 230V AC/DC		
Circuit type			Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour			Red			Red			Red		
Packaging											
Qty/Bag			1pc / bag			1pc / bag			1pc / bag		
Other accessories options											
-											
Notes:											
Adapter available with different led colour.											
Adapter available with different circuits.											

VALVE CONNECTORS

General features and codification scheme
Adapters DIN valve connectors+ M12/M8 connectors

• GENERAL FEATURES:

Adapter :

M8 : M8 circular connector.

M12: M12 circular connector.

Fixing system :

Central fixing screw.

Max. screw torque IEC60947-1

(Central fixing screw) :

G1-M1-P2 series: Max. 0.5 N * m.

P1 series: Max. 0.4 N * m.

Type of terminations :

Screw(with protection plate).

Contact material and treatment :

Brass + Silver plated.

Housing material :

Polypropylene.

Internal core material :

PA66.

Flammability resistance :

UL94-V2 - Standard.

Protection class :

IP 65 / 67 (assembled).

Operating temperature :

-40°C +90°C with NBR gasket.

-40°C +125°C with Silicone gasket.

G1 N 0 2 00 0 C - 12MD - ##

SERIES

G1 : EN175301-803 form A (18mm).

G1B : EN175301-803 form A (18mm) TOP EXIT.

BG1 : EN175301-803 form A (18mm)WITH MALE CONTACTS.

BG1B: EN175301-803 form A (18mm)WITH MALE CONTACTS TOP EXIT.

M1 : INDUSTRIAL form B (11mm).

M2 : EN175301-803 form B (10mm).

P1 : EN175301-803 form C (8mm).

P2 : MICRO INDUSTRIAL form C (9.4mm).

COLOUR

G : GREY.

N : BLACK (STANDARD).

CABLE GLAND

0 : MOULDED CONNECTOR.

POLES No.

2 : 2POLES + EARTH.

3 : 3POLES + EARTH.

CIRCUIT TYPE

SEE CIRCUITS FEATURES PAGE.

(BG1B SERIES ONLY WITHOUT ELECTRONIC).

VOLTAGE

0 : 60V.

1 : 24V.

EARTH POSITION

A : H.6. **B** : H.12. **C** : DOUBLE H.6-12. **D** : H.3. **E** : H.9. **F** : DOUBLE H. 3-9.

ADAPTER WITH

12MD : M12 MALE 180° 3p. **12FD** : M12 FEMALE 180° 3p.

08MD3 : M8 MALE 180° 3p. **08FD3** : M8 FEMALE 180° 3p.

08MD4 : M8 MALE 180° 4p. **08FD4** : M8 FEMALE 180° 4p.

SOME VARIABLES

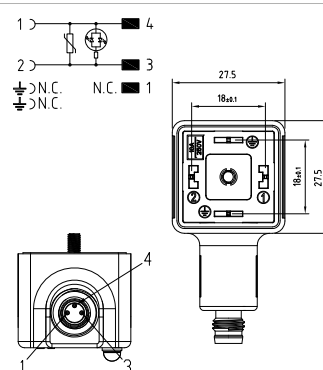
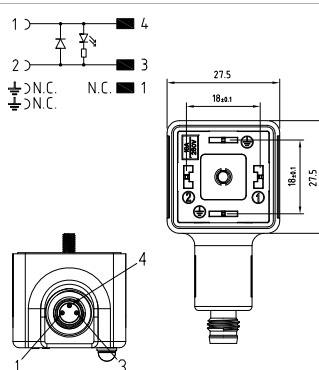
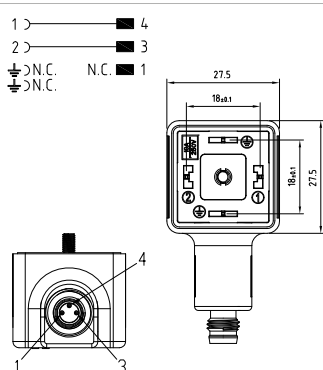
L : PROFILED GASKET. **SS** : STAINLESS STEEL SCREW. **Y** : WITHOUT H.T.P.LOGO.

Adapters DIN valve connectors - Form A EN175301-803(DIN43650) + M12/M8 connectors



The technical drawing shows two views of the ball valve:

- Top View (Front View):** Shows the overall width of 54 mm and the height of the body as 27.9 mm.
- Bottom View (Side View):** Shows the handle assembly with a length of 7.8 mm from the stem to the end of the handle. The total length of the valve assembly is 55.9 mm. The mounting hole diameter is specified as M3.



Connector type	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1N02000C-08MD3	G1N02DL1C-08MD3	G1N02VL1C-08MD3
Description	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°2	n°2	n°2

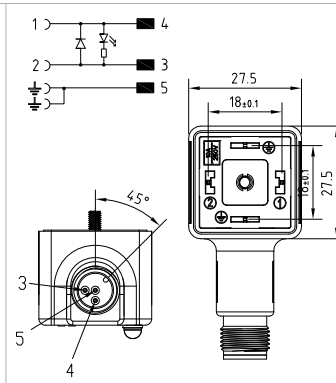
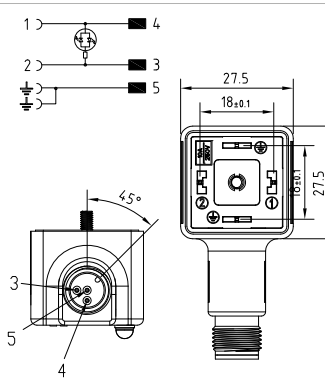
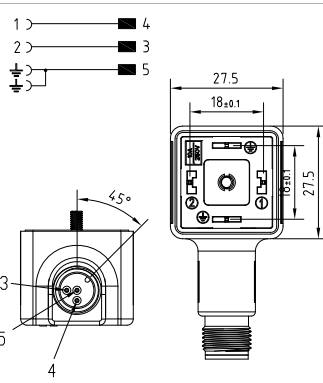
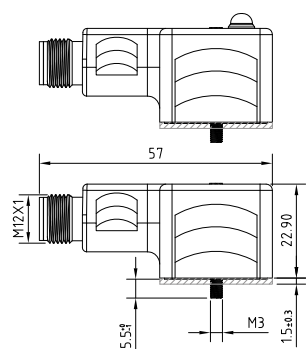
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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See accessories section

Connector available with different circuits Connector available with different led colour Connector available with different led colour



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1N02000C-12MD	G1N02L01C-12MD	G1N02DL1C-12MD
Description	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12

Technical data

Rated voltage	60V AC/DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led	Led + Diode(1A)
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

Notes:

Connector available with different circuits

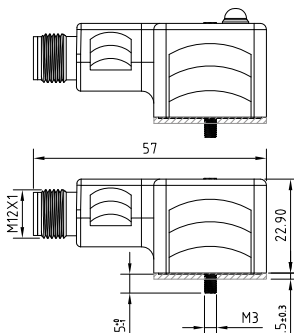
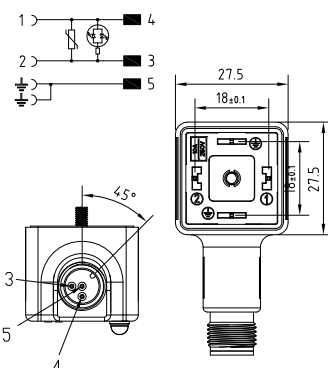
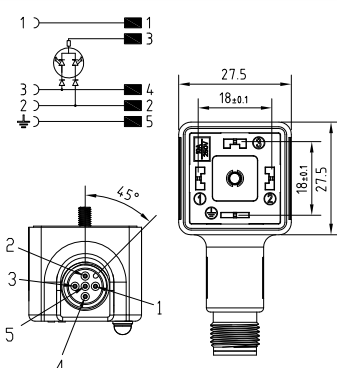
Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS

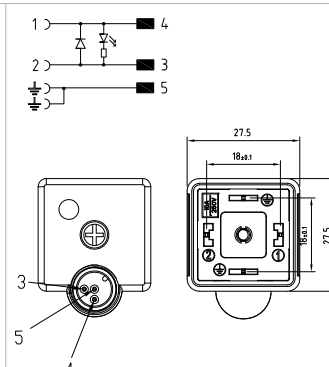
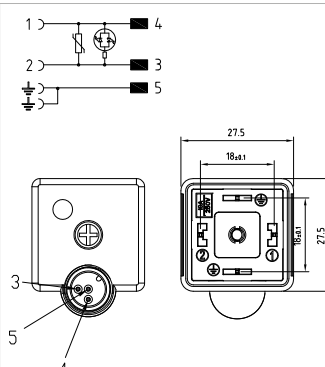
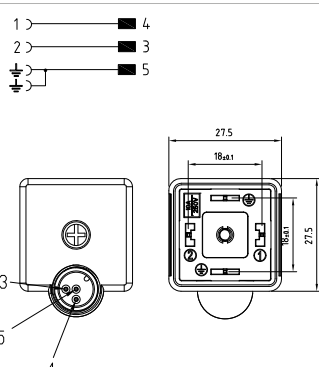
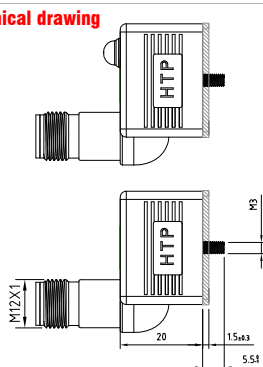
Adapters DIN valve connectors - Form A
EN175301-803(DIN43650) + M12/M8 connectors



Technical drawing			
			
			
Product description			
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	
Conforms to	EN175301-803	EN175301-803	
Construction type	A	A	
Part number	G1N02VL1C-12MD	G1N03Q01A-12MD	
Description	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.	
Contacts spacing	18mm	18mm	
Number of contacts	2poles + 2P.E.	3poles + P.E.	
Earth positioning	H.6-12	H.6	
Housing colour	Black	Black	
Housing height	22.9mm	22.9mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	
Circular connector type	M12	M12	
Technical data			
Rated voltage	24V AC/DC	24V DC	
Circuit type	Bipolar Led + Varistor	Bicolour Led + no.2 Diodes (1A)	
Led colour	Red	Red (pin 2) ; Green (pin3)	
Central fixing screw	M3 L=25mm	M3 L=25mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	
M12 Connector type	Straight 180°	Straight 180°	
M12 contacts type	Male 3poles	Male 5poles	
Number of contacts connected	n°3	n°5	
Packaging			
Qty/Bag	1pc / bag	1pc / bag	
Other accessories options			
See accessories section			
Notes:		Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)	



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	GBN02000C-12MD	GBN02VL1C-12MD	GBN02DL1C-12MD
Description	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	20mm	20mm	20mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12

Technical data

Rated voltage	60V AC/DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led + Varistor	Led + Diode(1A)
Led colour	-	Red	Red
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

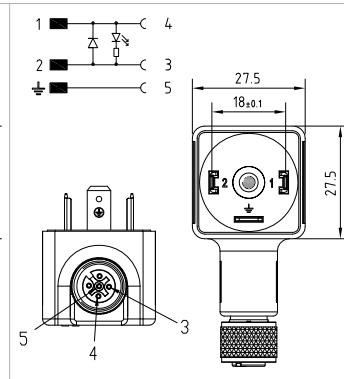
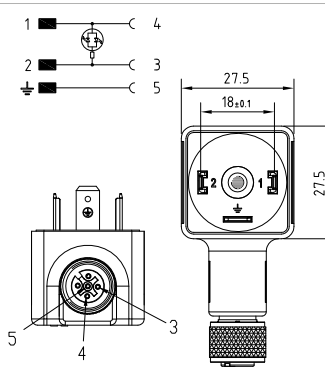
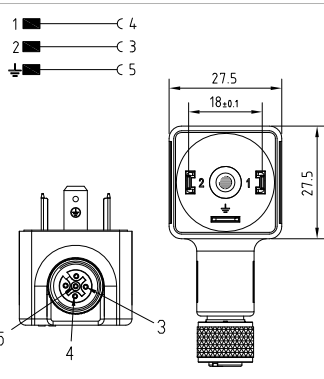
Notes:

Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

Adapters DIN valve connectors - Form A EN175301-803(DIN43650) + M12/M8 connectors



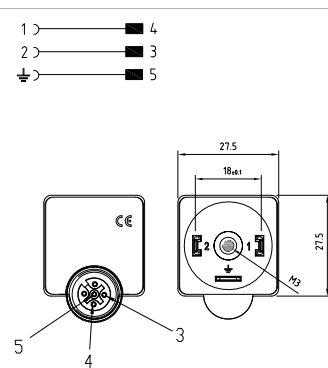
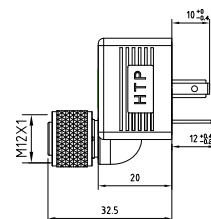
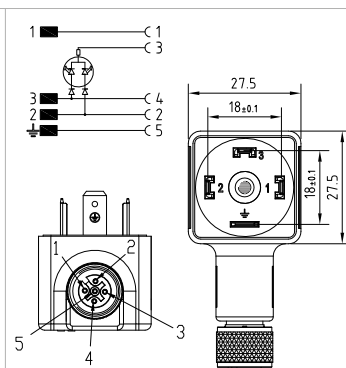
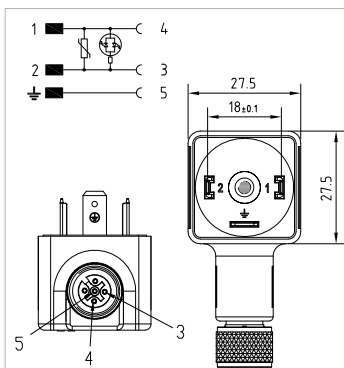
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG1N02000A-12FD	BG1N02L01A-12FD	BG1N02DL1A-12FD
Description	Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Adapter square connector EN175301-803 (form A) male - M12 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	-	-	-
Circular connector type	M12	M12	M12

Rated voltage	60V AC/DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led	Led + Diode(1A)
Led colour	-	Red	Red
	M3x0.5 Closed	M3x0.5 Closed	M3x0.5 Closed
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Female 3poles	Female 3poles	Female 3poles
Number of contacts connected	n°3	n°3	n°3

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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See accessories section

	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour
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Product description

Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
EN175301-803	EN175301-803
A	A
BG1N02VL1A-12FD	BG1N02Q01A-12FD
Adapter square connector EN175301-803 (form A) male - M12 circular connector.	Adapter square connector EN175301-803 (form A) male - M12 circular connector.
18mm	18mm
2poles + P.E.	2poles + P.E.
H.6	H.6
Black	Black
22.9mm	22.9mm
-	-
M12	M12

Technical data

24V AC/DC	24V DC
Bipolar Led + Varistor	Bicolour Led + no.2 Diodes (1A)
Red	Red (pin 2) ; Green (pin3)
M3x0.5 Closed	M3x0.5 Closed
Iron + Zinc plated	Iron + Zinc plated
0.5 N*m	0.5 N*m
Straight 180°	Straight 180°
Female 3poles	Female 3poles
n°3	n°5

Packaging

1pc / bag	1pc / bag
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Other accessories options

See accessories section

Notes:

Connector available with different led colour

Connector available with different led connection:
Q8 circuit (Green pin 2; Red pin 3)
Q1 circuit (Yellow pin 2; Green pin 3)

Product description

Connector type	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803
Construction type	A
Part number	BGB1N02000A-12FD
Description	Adapter square connector EN175301-803 (form A) top exit male-M12 circular connector.
Contacts spacing	18mm
Number of contacts	2poles + P.E.
Earth positioning	H.6
Housing colour	Black
Height housing	20mm
Gasket type	-
Circular connector type	M12

Technical data

Rated voltage	60V AC/DC
Circuit type	-
Led colour	-
Central fixing nut	M3x0.5 Closed
Central fixing screw material	Iron + Zinc plated
Central screw torque	0.5 N*m
M12 Connector type	Straight 180°
M12 contacts type	Female 3poles
Number of contacts connected	n°3

Packaging

Qty/Box	1pc / bag
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Other accessories options

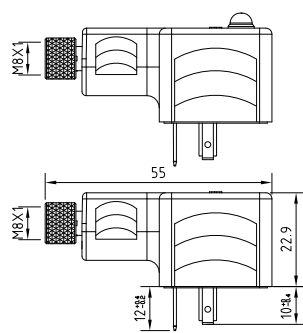
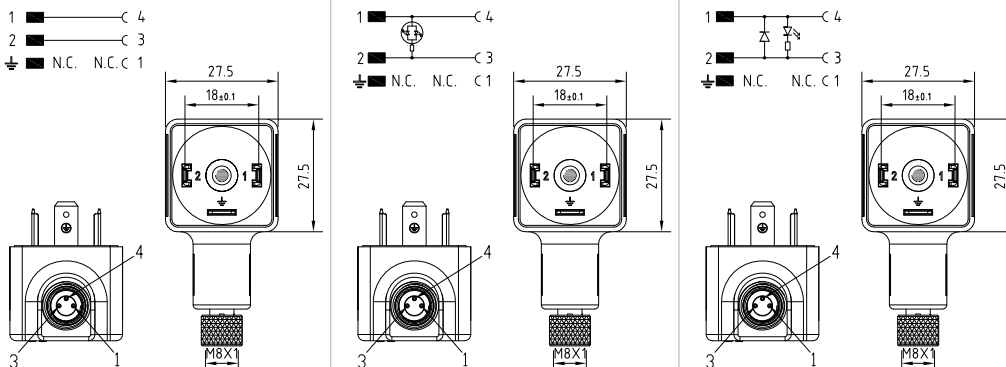
See accessories section

Notes:

VALVE CONNECTORS

Adapters DIN valve connectors - Form A
EN175301-803(DIN43650) + M12/M8 connectors

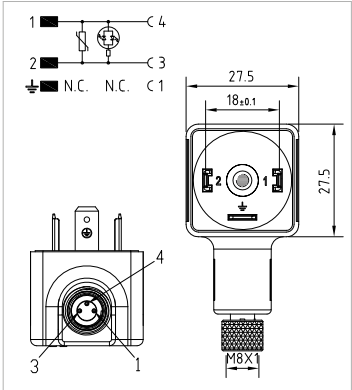


Technical drawing 			
			
Product description			
Connector type	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG1N02000C-08FD3	BG1N02L01C-08FD3	BG1N02DL1C-08FD3
Description	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	-	-	-
Circular connector type	M8	M8	M8
Technical data			
Rated voltage	50V AC/60 V DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led	Led + Diode(1A)
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Female 3poles	Female 3poles	Female 3poles
Number of contacts connected	n°2	n°2	n°2
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour

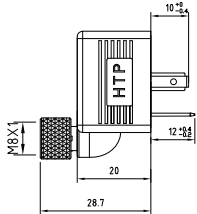
VALVE CONNECTORS

Adapters DIN valve connectors - Form A

EN175301-803(DIN43650) + M12/M8 connectors



Product description	
Adapter DIN valve connector - M8 connector	
EN175301-803	
A	
BG1N02VL1C-08MD3	
Adapter square connector EN175301-803 (form A) - M8 circular connector.	
18mm	
2poles + P.E.	
H.6	
Black	
22.9mm	
-	
M8	
Technical data	
24V AC/DC	
Bipolar Led + Varistor	
Red	
M3 L=25mm	
Iron+Zinc plated	
0.5 N*m	
Straight 180°	
Female 3poles	
n°2	
Packaging	
1pc / bag	
Other accessories options	
See accessories section	
Notes:	
Connector available with different led colour	

	
Product description	
Connector type	Adapter DIN valve connector-M8 connector
Conforms to	EN175301-803
Construction type	A
Part number	BG1N02000A-08FD3
Description	Adapter square connector EN175301-803 (form A)top exit male-M8 circular connector.
Contacts spacing	18mm
Number of contacts	2poles + P.E.
Earth positioning	H.6
Housing colour	Black
Housing height	20mm
Gasket type	-
Circular connector type	M8
Technical data	
Rated voltage	50V AC/60 V DC
Circuit type	-
Led colour	-
Central fixing nut	M3x0.5 Closed
Central fixing screw material	Iron+Zinc plated
Central screw torque	0.5 N*m
M8 Connector type	Straight 180°
M8 contacts type	Female 3poles
Number of contacts connected	n°2
Packaging	
Qty/Box	1pc / bag
Other accessories options	
See accessories section	
Notes:	

VALVE CONNECTORS

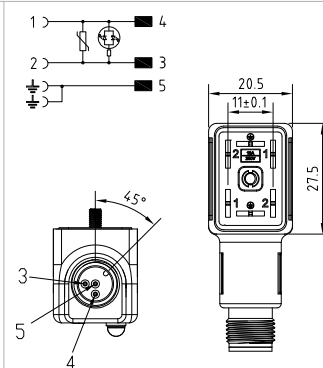
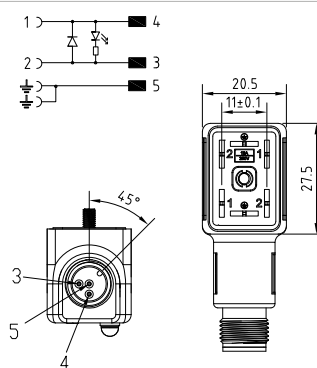
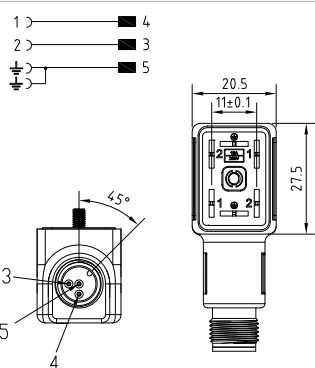
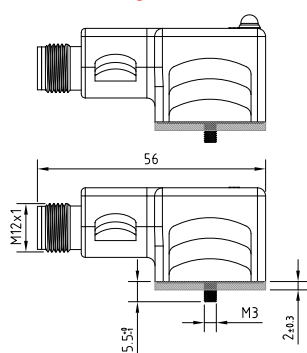
Adapters DIN valve connectors - Form B
Industrial + M12/M8 connectors



Technical drawing			
Product description			
Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	Industrial	Industrial	EN175301-803
Construction type	B	B	B
Part number	M1N02000C-08MD3	M1N02DL1C-08MD3	M1N02VL1C-08MD3
Description	Adapter rectangular industrial connector (form B) - M8 circular connector.	Adapter rectangular industrial connector (form B) - M8 circular connector.	Adapter rectangular industrial connector (form B) - M8 circular connector.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8
Technical data			
Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°2	n°2	n°2
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	Industrial	Industrial	Industrial
Construction type	B	B	B
Part number	M1N02000C-12MD	M1N02DL1C-12MD	M1N02VL1C-12MD
Description	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

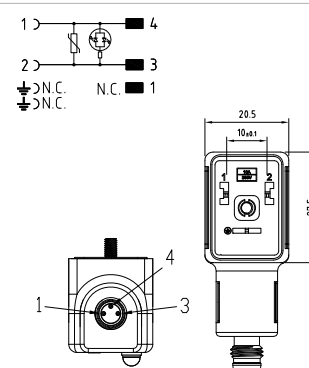
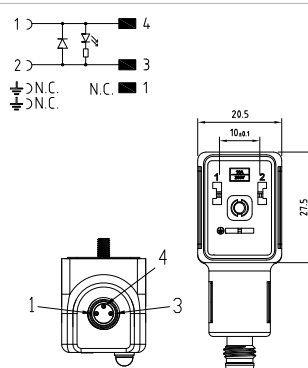
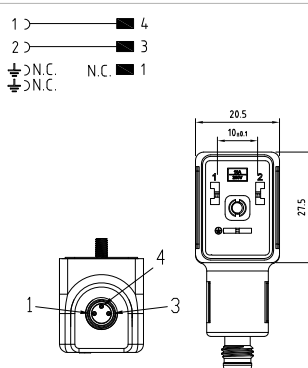
Notes:

Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

Adapters DIN valve connectors - Form B EN175301-803(DIN43650) + M12/M8 connectors



Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	M2N02000A-08MD3	M2N02DL1A-08MD3	M2N02VL1A-08MD3
Description	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Height housing	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°2	n°2	n°2

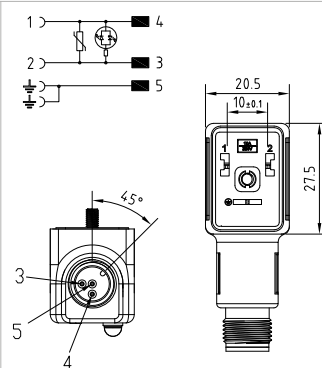
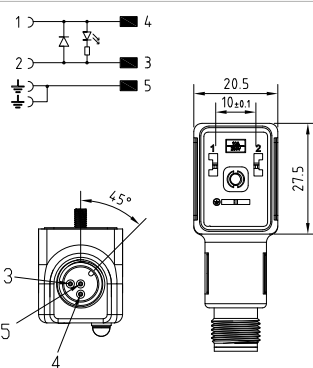
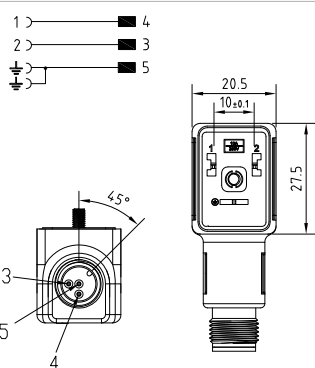
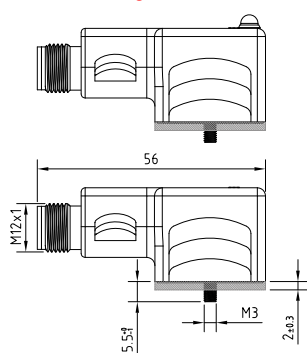
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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See accessories section

Connector available with different circuits Connector available with different led colour Connector available with different led colour



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	M2N02000A-12MD3	M2N02DL1A-12MD	M2N02VL1A-12MD
Description	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

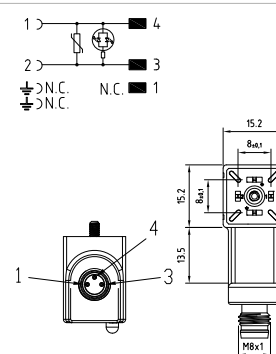
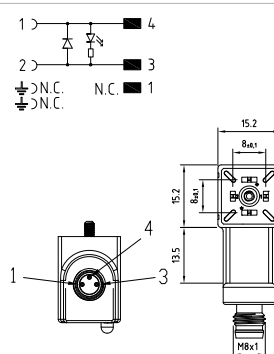
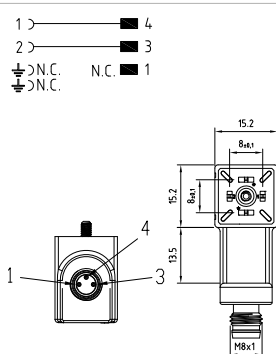
Notes:

Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

Adapters DIN valve connectors - Form C EN175301-803(DIN43650) + M12/M8 connectors



Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	P1N02000C-08MD3	P1N02DL1C-08MD3	P1N02VL1C-08MD3
Description	Adapter square connector EN175301-803 (form C) - M8 circular connector.	Adapter square connector EN175301-803 (form C) - M8 circular connector.	Adapter square connector EN175301-803 (form C) - M8 circular connector.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°2	n°2	n°2

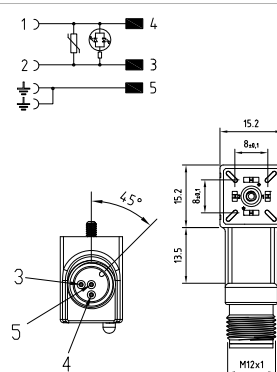
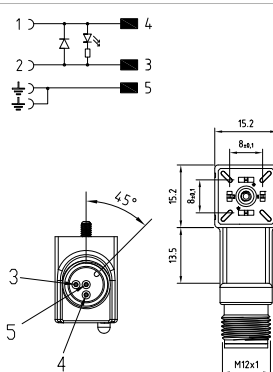
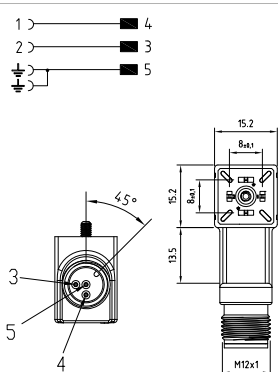
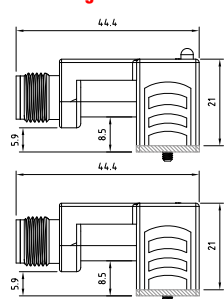
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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See accessories section

Connector available with different circuits Connector available with different led colour Connector available with different led colour



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	P1N02000C-12MD	P1N02DL1C-12MD	P1N02VL1C-12MD
Description	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12

Technical data

Rated voltage	60V AC/DC	24V DC	24V DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

Notes:

Connector available with different circuits

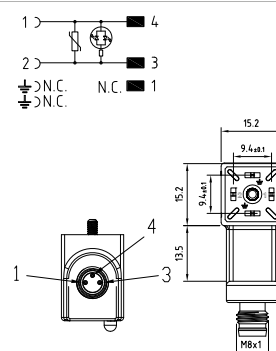
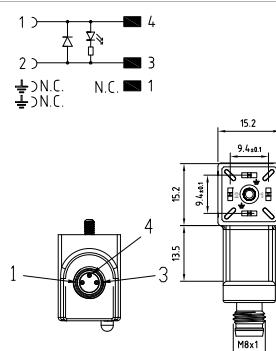
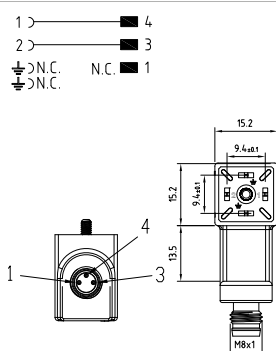
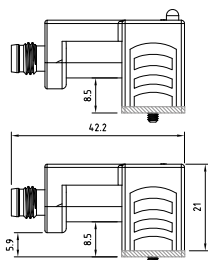
Connector available with different led colour

Connector available with different led colour

Adapters DIN valve connectors - Form C
Industrial + M12/M8 connectors



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	P2N02000C-08MD3	P2N02DL1C-08MD3	P2N02VL1C-08MD3
Description	Adapter square industrial micro connector (form C) - M8 circular connector.	Adapter square industrial micro connector (form C) - M8 circular connector.	Adapter square industrial micro connector (form C) - M8 circular connector.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°2	n°2	n°2

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

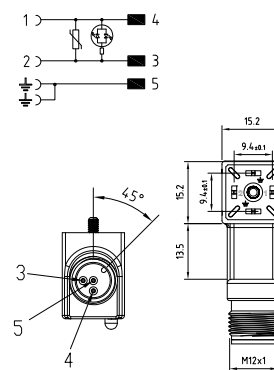
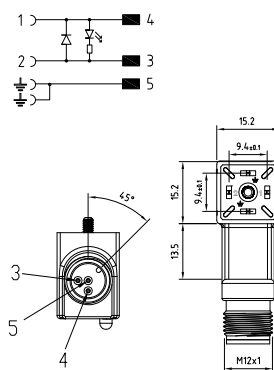
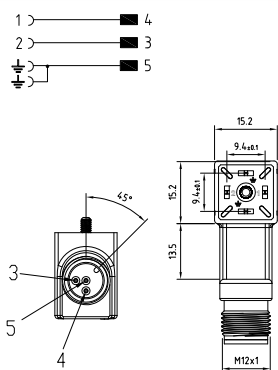
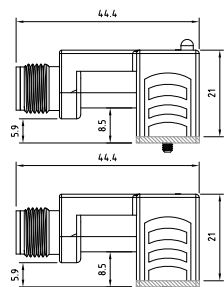
See accessories section

Notes:

	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour
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Technical drawing



Product description

Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	P2N02000C-12MD	P2N02DL1C-12MD	P2N02VL1C-12MD
Description	Adapter square industrial micro connector (form C) - M12 circular connector.	Adapter square industrial micro connector (form C) - M12 circular connector.	Adapter square industrial micro connector (form C) - M12 circular connector.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12

Technical data

Rated voltage	60V AC/DC	24V DC	24V DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

Notes:

Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS

Digital timer



SPECIFICATIONS:

The Digital Timer is a product for cyclical repetition control.
The load is supplied as soon as the power is switched on.
The "ON" button control is used to select the ON-time valve.
The "OFF" button control is used to select the OFF-time valve between the two sequential times.
The sequence is repeated as long as the power supply remains connected.
The "TEST" button is used to confirm the choice.
Two leds and the display are used to show the TIMER's phase.

INSTALLATION INSTRUCTIONS:

STEP 1 : The DIN connector has to be connected on the TIMER and please make sure that the gasket is correctly placed and the screw is correctly tightened (0,5 N/m).

STEP 2 : Switch ON the power.
Note: the voltage must comply with the voltage mentioned on the coil.

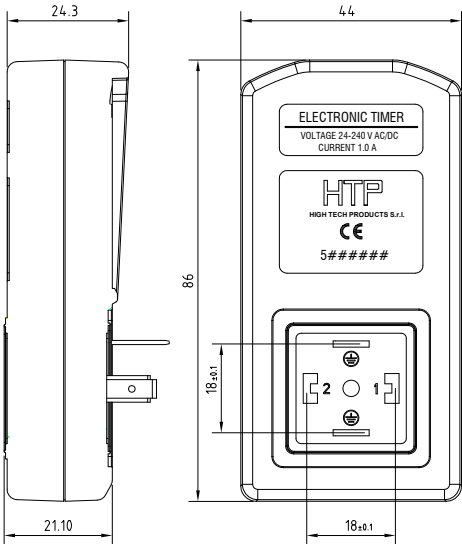
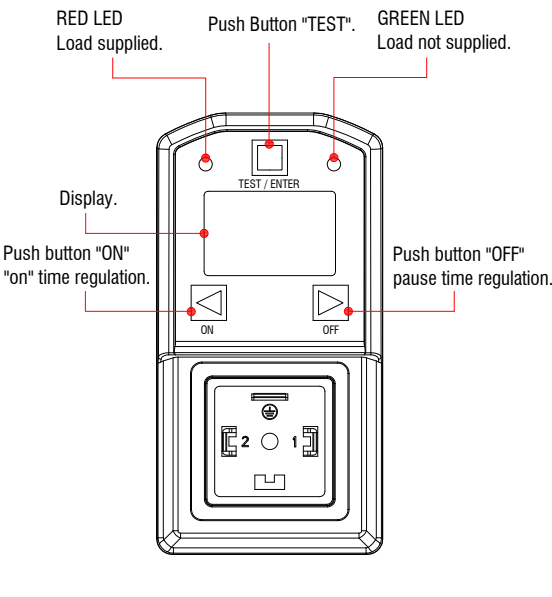
STEP 3 : When the unit is installed correctly and operative, you can change the pre-set values to whatever ranging from 0.5 sec. to 99 sec. for the ON time.
To change ON time simply press the "ON" button for 3 sec. and "sec" will start flashing on right side of the display.
The previously set ON time will appear on the display and the "on" led will be on.
You can now press the "on" button to increase the time or the "off" button to decrease the time.

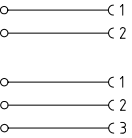
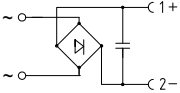
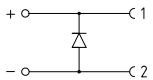
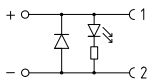
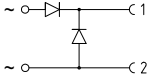
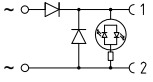
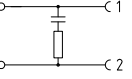
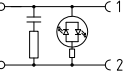
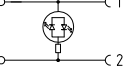
STEP 4 : Press the "Test / Enter" button to confirm your choice.

STEP 5 : You can change the pre-set values to whatever ranging from 0.5 min to 99 min. for the OFF time.
To change the OFF time simply press the 'off' button for 3 sec. and 'min' will start flashing on the right side of the display.
The previously set OFF time will appear on the display and the 'off' led will be on.
You can now press the arrow 'on' button for to increase the time or the 'off' button to decrease the time.

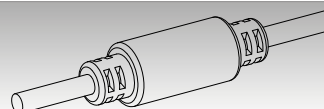
STEP 6 : Press the "test/enter" button to confirm your choice.

Product description	
Connector type	Digital Timer
Construction type	A
Part number	TIMER-DIG
Description	Digital Timer suitable for EN175301-803 connectors (type A)
Contacts spacing	18mm
Number of contacts	2poles + P.E.
Earth positioning	H.12
Housing colour	Black
Timer dimensions	44mm x 86mm x 24.3mm
Gasket type	Flat NBR gasket
Technical data	
Type of termination	Valve Connector EN175301-803 (type A) Valve Base EN175301-803 (type A)
Rated voltage	24V...240V AC/DC 50/60 Hz
Value accuracy	±10%
Max. Current	1 A
Temperature Range	- 10°C +50°C
Led colour	ON time : Red ; OFF time : Green
ON Time	From 0 sec. to 9 sec. ; step 0.5sec. From 10 sec. to 99 sec. ; step 1 sec.
OFF Time	From 0 min. to 9.5 min. ; step 0.5 min. From 10 min. to 99 min. ; step 1 min.
Central fixing screw	M3 L=55mm
Central fixing screw material	Iron+Zinc plated
Central screw torque	0.5 N*m
Material	
Housing material	ABS
Contacts material	Brass + Silver plated
Packaging	
Qty/Box	1pc / box



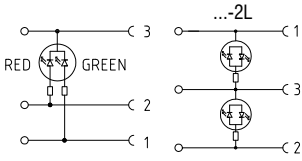
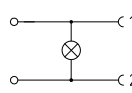
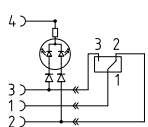
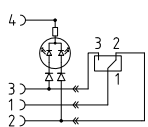
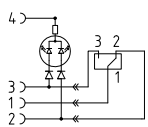
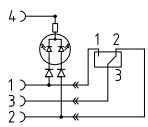
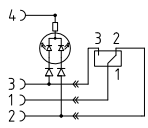
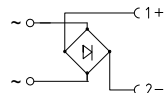
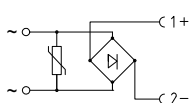
Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		250V 300V	00	-	Circuit without electronic components.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		10-230V	CR	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Condenser to reduce the ripple on the output.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
DC		1-230V	D0	-	Circuit with Diode to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
DC		12V 24V 48V 115V 230V	DG DL DV	Yellow Red Green	Circuit with Diode to give overvoltage protection when switching off supply and unipolar indicator Led to confirm voltage supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		1-230V	E1	-	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		12V 24V 48V 115V 230V	EG EL EV	Yellow Red Green	Circuit with Half-wave rectifier + Diode to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		10-230V	F0	-	RC decay circuit to dissipate high energies generate by highly inductive loads.	G1 - G1C G4	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		12V 24V 48V 115V 230V	FG FL FV	Yellow Red Green	RC decay circuit to dissipate high energies generate by highly inductive loads and bipolar indicator Led to confirm voltage supply.	G1-G1C G4	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC / DC		12V 24V 48V 115V 230V	L8 L0 L9	Yellow Red Green	Circuit with bipolar indicator Led to confirm voltage supply. Circuit without protection components.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C

* = Product available with case overmoulded on the cable.

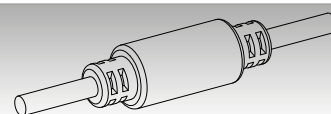


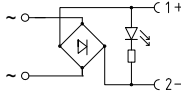
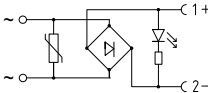
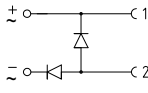
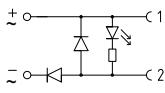
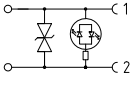
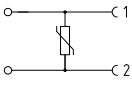
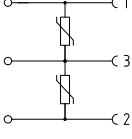
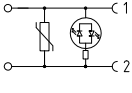
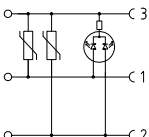
VALVE CONNECTORS

Circuits codification scheme

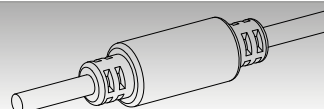
Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		12V 24V 48V 115V 230V	L2	PIN 1:Green PIN 2:Red	Circuit with n°1 bicolour indicator Led. Circuit without protection components.	G1 - G1C G4	-
			L2... -2L	Red	Circuit with n°2 bipolar indicator Leds. Circuit without protection components.		
AC / DC		12V 24V 48V 115V 230V	P0	White	Circuit with filament lamp indicator to confirm voltage supply. Circuit without protection components.	G1 - G1C G4 M1 M2	-
DC		12V 24V 48V 115V 230V	Q0	PIN 2:Red PIN 3:Green	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1-G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q1	PIN 2:Yellow PIN 3:Green	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q2	PIN 2:Green PIN 3:Yellow	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q6	PIN 1:Green PIN 2:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 G4	CG1
DC		12V 24V 48V 115V 230V	Q8	PIN 2:Green PIN 3:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
AC		1-230V	R0	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC). Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	RV	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Varistor to give overvoltage protection when switching off supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*

* = Product available with case overmoulded on the cable.



Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC		12V 24V 48V 115V 230V	RE	Red	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and unipolar indicator Led to confirm voltage supply. Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	RG	Yellow	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Varistor to give overvoltage protection when switching off supply + unipolar indicator Led to confirm voltage supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
			RL	Red			
DC		1-230V	SO	-	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
DC		12V 24V 48V 115V 230V	SG	Yellow	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply + unipolar indicator Led to confirm voltage supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
			SL	Red			
			SV	Green			
AC / DC		12V 24V 48V 115V 230V	TG	Yellow	Circuit with Transient suppressor (Transil) to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			TL	Red			
			TV	Green			
AC / DC		12V 24V 48V 115V 230V	V0	-	Circuit with Varistor to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC / DC		12V 24V 48V 115V 230V	V2	-	Circuit with n°2 Varistors to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4	CG1 CGB CP1* CP2* CP2C*
AC / DC		12V 24V 48V 115V 230V	VG	Yellow	Circuit with Varistor to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply. Circuit protection component independent of polarity direction.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			VL	Red			
			VV	Green			
AC / DC		12V 24V 48V 115V 230V	WL	PIN 1:Yellow PIN 2:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Varistors to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1-G1C G4	CG1 CGB CP1* CP2* CP2C*

* = Product available with case overmoulded on the cable.



VALVE CONNECTORS

Circuits codification scheme



Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		12V 24V 48V 115V 230V	Z2	-	Circuit with n°2 Zener diodes to give overvoltage protection when switching off supply.	G1 - G1C G4 M1 M2	CG1 CM2
					Circuit protection component independent of polarity direction.		CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		12V 24V 48V 115V 230V	ZG	Yellow	Circuit with n°2 Zener diodes to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply.	G1 - G1C G4 M1 M2	CG1 CM2
			ZL	Red			CGB CP1* CM1 CP2* CM1B CP2C*
			ZV	Green			CM1B CP2C*

NOTES:

- The circuits with **Full-wave rectifier** component, are available also with 4diodes instead of only one component. Add on the standard code the suffix - 4D.
- All the circuits with diodes are standard delivered for rated current 1A, but on customer request are also available diodes for rated current 3A.
- All the circuits with unipolar or bipolar leds are standard delivered in RED colour.
- The minimum lenght of the cable requested between the overmoulded connector head and moulded case is 100mm.
- In case of other circuits or components are requested please contact us to verify the feasibility.

* = Product available with case overmoulded on the cable.