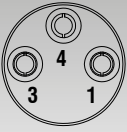
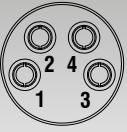
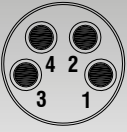
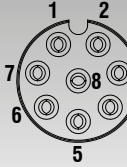
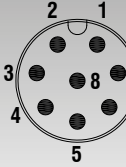




**M8 CIRCULAR CONNECTORS
A-CODED**

M8 CIRCULAR CONNECTORS A-CODED

Field attachable connectors - General features and codification scheme

FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
					
3 POLES: 1 : BROWN ● 3 : BLUE ● 4 : BLACK ●		4 POLES: 1 : BROWN ● 2 : WHITE ○ 3 : BLUE ● 4 : BLACK ●		8 POLES: 1 : WHITE ○ 2 : BROWN ● 3 : GREEN ● 4 : YELLOW ● 5 : GREY ● 6 : PINK ● 7 : BLUE ● 8 : RED ●	

• GENERAL FEATURES OF FIELD ATTACHABLE CONNECTORS:

Cable Gland :

Plastic housing: $\varnothing$ CABLE 3.5 - 5mm.
Metal housing: $\varnothing$ CABLE 3.5 - 5.5mm.
SK : $\varnothing$ CABLE 3.5 - 5.5mm.

Conductor cross section :

0.14(26AWG)...0.50mm²(20AWG).

Fixing system :

M8 coupling nut.

Max. screw torque IEC60947-1 :

Contact screw torque 0.1 N*m.
M8 coupling nut torque 0.2N*m.
ATEX M8 coupling nut torque 0.4N*m.

Type of terminations :

Screw.
Solder wires.

Contact material and treatment :

Brass + Gold flash.

Housing material :

PA66 UL94-V2.
PA66 UL94-V0 Atex approved.
Brass+Nickel plated.

Internal core material :

PA66 UL94-V2.
PA66 UL94-V0 Atex approved.

Coupling nut material :

Brass+Nickel plated.
Stainless steel AISI304(upon request).
Stainless steel AISI316(upon request).

Flammability resistance :

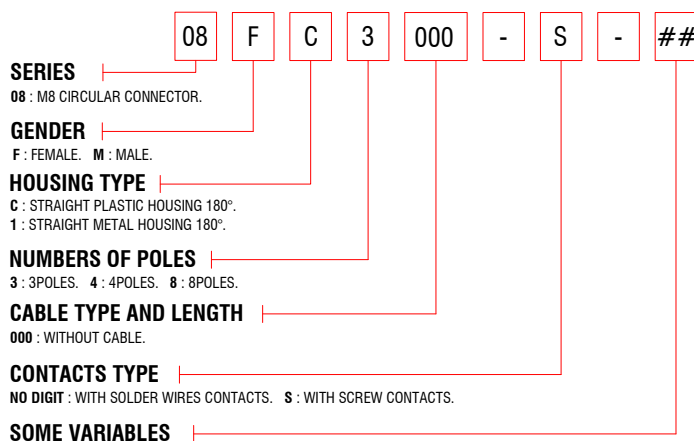
UL94-V2 - Standard
UL94-V0 - ATEX approved.

Protection class :

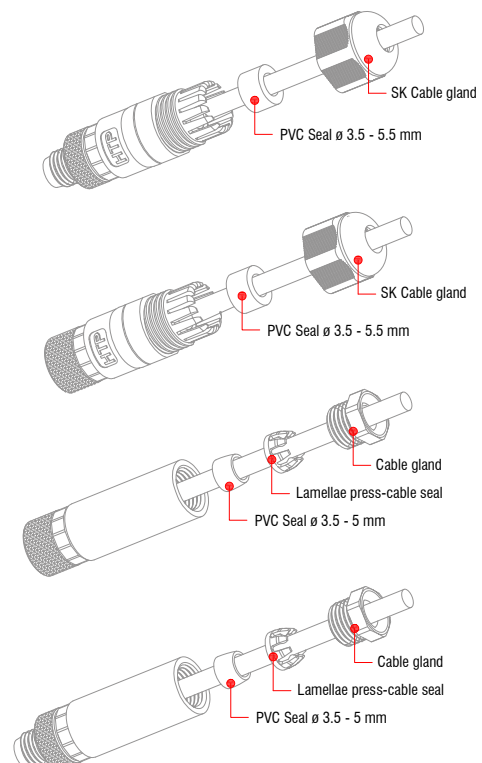
IP65/67 (assembled).
IP55/57 ATEX approved.

Operating temperature :

-40°C +90°C.
-25°C +85°C(metal housing).
-20°C +85°C ATEX approved.



ATEX : ATEX conform. HN : HEXAGONAL M8 COUPLING NUT. INOX : M8 COUPLING NUT IN STAINLESS STEEL(AISI304).
IN316 : M8 COUPLING NUT IN STAINLESS STEEL(AISI316). SK : Cable gland SK style. Y : WITHOUT H.T.P.LOGO.



M8 CIRCULAR CONNECTORS A-CODED

Field attachable connectors



Technical drawing																
SK style																
STD style																
Product description																
Connector type	Circular connector field attachable			Circular connector field attachable			Circular connector field attachable			Circular connector field attachable						
Conforms to	IEC 61076-2-104			IEC 61076-2-104			IEC 61076-2-104			IEC 61076-2-104						
Construction type	M8 A -Coding			M8 A -Coding			M8 A -Coding			M8 A -Coding						
Part number	08FC3000		08FC3000-SK		08FC4000		08FC4000-SK		08FC3000-S		08FC3000-S-SK		08FC4000-S		08FC4000-S-SK	
Housing type	Straight 180°			Straight 180°			Straight 180°			Straight 180°			Straight 180°			
Cable gland	Exagonal SW10		SK PG7 model		Exagonal SW10		SK PG7 model		Exagonal SW10		SK PG7 model		Exagonal SW10		SK PG7 model	
Description	Circular connector M8 series field attachable			Circular connector M8 series field attachable			Circular connector M8 series field attachable			Circular connector M8 series field attachable			Circular connector M8 series field attachable			
Contacts type	Female			Female			Female			Female			Female			
Number of contacts	3poles			4poles			3poles			4poles			4poles			
Housing colour	Black			Black			Black			Black			Black			
Technical data																
Type of termination	Contacts to solder wires			Contacts to solder wires			Screw contacts			Screw contacts			Screw contacts			
Contact screw torque	-			-			0.1 N*m			0.1 N*m			0.1 N*m			
Housing material	PA66 UL94-V2			PA66 UL94-V2			PA66 UL94-V2			PA66 UL94-V2			PA66 UL94-V2			
Contacts material	Brass + Gold flash			Brass + Gold flash			Brass + Gold flash			Brass + Gold flash			Brass + Gold flash			
Coupling nut type	Knurl round			Knurl round			Knurl round			Knurl round			Knurl round			
M8 coupling nut material	Brass + Nickel plated			Brass + Nickel plated			Brass + Nickel plated			Brass + Nickel plated			Brass + Nickel plated			
M8 coupling nut torque	0.2 N*m			0.2 N*m			0.2 N*m			0.2 N*m			0.2 N*m			
Rated voltage	50V AC/ 60V DC			50V AC/ 60V DC			50V AC/ 60V DC			50V AC/ 60V DC			50V AC/ 60V DC			
Rated current	3A			3A			3A			3A			3A			
Temperature range	-40°C + 90°C			-40°C + 90°C			-40°C + 90°C			-40°C + 90°C			-40°C + 90°C			
O-ring material	NBR			NBR			NBR			NBR			NBR			
Suitable cable	ø 3.5 - 5mm		ø 3.5 - 5.5mm		ø 3.5 - 5mm		ø 3.5 - 5.5mm		ø 3.5 - 5mm		ø 3.5 - 5.5mm		ø 3.5 - 5mm		ø 3.5 - 5.5mm	
Packaging																
Qty/Bag	1 pc / bag			1 pc / bag			1 pc / bag			1 pc / bag			1 pc / bag			
Other accessories options																
See accessories section																
Notes:																
Connectors available with different features: See the general features and codification scheme page																

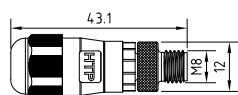
M8 CIRCULAR CONNECTORS A-CODED

Field attachable connectors

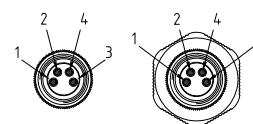
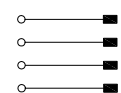
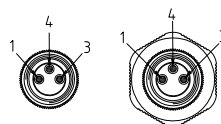
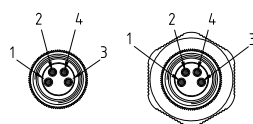
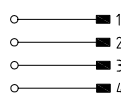
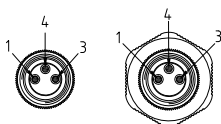
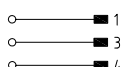
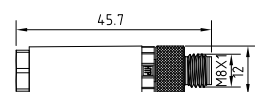


Technical drawing

SK style



STD style



Product description

Connector type	Circular connector field attachable		Circular connector field attachable		Circular connector field attachable		Circular connector field attachable	
Conforms to	IEC 61076-2-104		IEC 61076-2-104		IEC 61076-2-104		IEC 61076-2-104	
Construction type	M8 A -Coding		M8 A -Coding		M8 A -Coding		M8 A -Coding	
Part number	08MC3000	08MC3000-SK	08MC4000	08MC4000-SK	08MC3000-S	08MC3000-S-SK	08MC4000-S	08MC4000-S-SK
Housing type	Straight 180°		Straight 180°		Straight 180°		Straight 180°	
Cable gland	Exagonal SW10	SK PG7 model	Exagonal SW10	SK PG7 model	Exagonal SW10	SK PG7 model	Exagonal SW10	SK PG7 model
Description	Circular connector M8 series field attachable		Circular connector M8 series field attachable		Circular connector M8 series field attachable		Circular connector M8 series field attachable	
Contacts type	Male		Male		Male		Male	
Number of contacts	3poles		4poles		3poles		4poles	
Housing colour	Black		Black		Black		Black	

Technical data

Type of termination	Contacts to solder wires		Contacts to solder wires		Screw contacts		Screw contacts	
Contact screw torque	-		-		0.1 N*m		0.1 N*m	
Housing material	PA66 UL94-V2		PA66 UL94-V2		PA66 UL94-V2		PA66 UL94-V2	
Contacts material	Brass + Gold flash		Brass + Gold flash		Brass + Gold flash		Brass + Gold flash	
Coupling nut type	Knurl round		Knurl round		Knurl round		Knurl round	
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated	
M8 coupling nut torque	0.2 N*m		0.2 N*m		0.2 N*m		0.2 N*m	
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC		50V AC/ 60V DC		50V AC/ 60V DC	
Rated current	3A		3A		3A		3A	
Temperature range	-40°C + 90°C		-40°C + 90°C		-40°C + 90°C		-40°C + 90°C	
O-ring material	NBR		NBR		NBR		NBR	
Suitable cable	ø 3.5 - 5mm	ø 3.5 - 5.5mm	ø 3.5 - 5mm	ø 3.5 - 5.5mm	ø 3.5 - 5mm	ø 3.5 - 5.5mm	ø 3.5 - 5mm	ø 3.5 - 5.5mm

Packaging

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

See accessories section

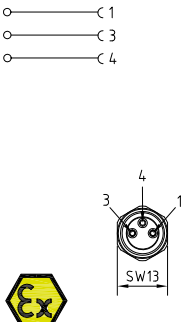
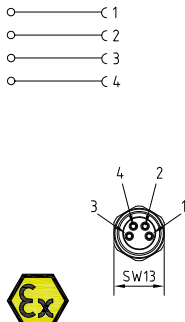
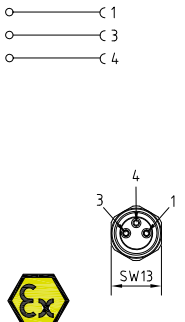
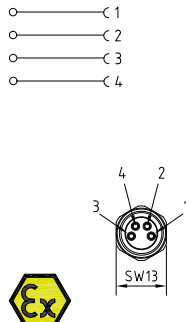
Notes:

Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

Field attachable connectors



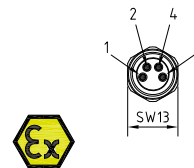
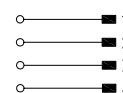
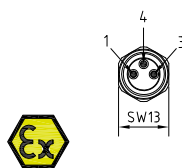
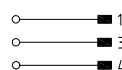
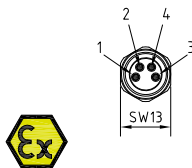
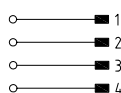
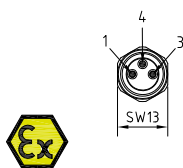
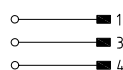
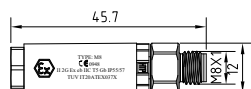
Technical drawing				
				
				
				
				
				
Product description				
Connector type	Circular connector field attachable	Circular connector field attachable	Circular connector field attachable	Circular connector field attachable
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding	M8 A -Coding
Part number	08FC3000-ATEX	08FC4000-ATEX	08FC3000-S-ATEX	08FC4000-S-ATEX
Housing type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
Cable gland	Hexagonal SW10	Hexagonal SW10	Hexagonal SW10	Hexagonal SW10
Description	Circular connector M8 series field attachable,ATEX conform.	Circular connector M8 series field attachable,ATEX conform.	Circular connector M8 series field attachable,ATEX conform.	Circular connector M8 series field attachable,ATEX conform.
Contacts type	Female	Female	Female	Female
Number of contacts	3poles	4poles	3poles	4poles
Housing colour	Black	Black	Black	Black
Technical data				
Type of termination	Contacts to solder wires	Contacts to solder wires	Screw contacts	Screw contacts
Contact screw torque	-	-	0.1 N*m	0.1 N*m
Housing material	PA66 UL94-V0	PA66 UL94-V0	PA66 UL94-V0	PA66 UL94-V0
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Coupling nut type	Hexagonal (SW13)	Hexagonal (SW13)	Hexagonal (SW13)	Hexagonal (SW13)
M8 coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
M8 coupling nut torque	0.4N*m	0.4 N*m	0.4 N*m	0.4 N*m
Rated voltage	30V AC/ 60V DC	30V AC/ 60V DC	30V AC/ 60V DC	30V AC/ 60V DC
Rated current	4A	4A	4A	4A
Temperature range	-20°C +85°C	-20°C +85°C	-20°C +85°C	-20°C +85°C
O-ring material	NBR	NBR	NBR	NBR
Suitable cable	ø 3.5 - 5mm	ø 3.5 - 5mm	ø 3.5 - 5mm	ø 3.5 - 5mm
Packaging				
Qty/Bag	1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
Other accessories options				
See accessories section				
Notes: Connectors available with different features: See the general features and codification scheme page				

M8 CIRCULAR CONNECTORS A-CODED

Field attachable connectors



Technical drawing



Product description

Connector type	Circular connector field attachable	Circular connector field attachable	Circular connector field attachable	Circular connector field attachable
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding	M8 A -Coding
Part number	08MC3000-ATEX	08MC4000-ATEX	08MC3000-S-ATEX	08MC4000-S-ATEX
Housing type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
Cable gland	Hexagonal SW10	Hexagonal SW10	Hexagonal SW10	Hexagonal SW10
Description	Circular connector M8 series field attachable,ATEX conform.	Circular connector M8 series field attachable,ATEX conform.	Circular connector M8 series field attachable,ATEX conform.	Circular connector M8 series field attachable,ATEX conform.
Contacts type	Male	Male	Male	Male
Number of contacts	3poles	4poles	3poles	4poles
Housing colour	Black	Black	Black	Black

Technical data

Type of termination	Contacts to solder wires	Contacts to solder wires	Screw contacts	Screw contacts
Contact screw torque	-	-	0.1 N*m	0.1 N*m
Housing material	PA66 UL94-V0	PA66 UL94-V0	PA66 UL94-V0	PA66 UL94-V0
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Coupling nut type	Hexagonal (SW13)	Hexagonal (SW13)	Hexagonal (SW13)	Hexagonal (SW13)
M8 coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
M8 coupling nut torque	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m
Rated voltage	30V AC/ 60V DC	30V AC/ 60V DC	30V AC/ 60V DC	30V AC/ 60V DC
Rated current	4A	4A	4A	4A
Temperature range	-20°C + 85°C	-20°C + 85°C	-20°C + 85°C	-20°C + 85°C
O-ring material	NBR	NBR	NBR	NBR
Suitable cable	ø 3.5 - 5mm	ø 3.5 - 5mm	ø 3.5 - 5mm	ø 3.5 - 5mm

Packaging

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

See accessories section

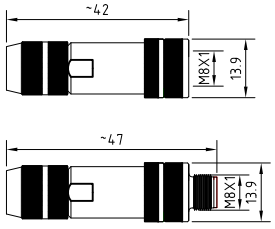
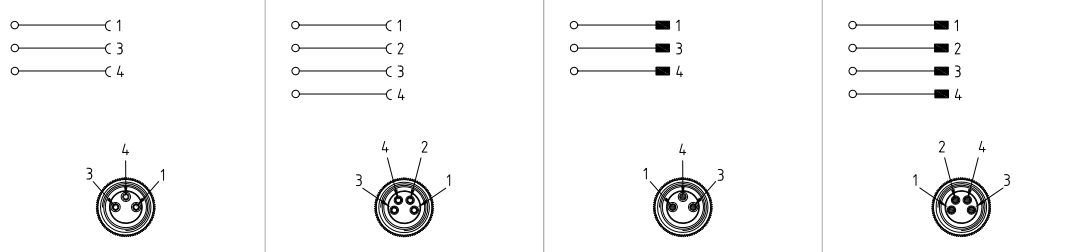
Notes:

Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

Field attachable connectors



Technical drawing				
				
				
Product description				
Connector type	Circular connector field attachable	Circular connector field attachable	Circular connector field attachable	Circular connector field attachable
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding	M8 A -Coding
Part number	08F13000	08F14000	08M13000	08M14000
Housing type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
Description	Circular connector M8 series field attachable for TOTALLY SHIELDED applications.	Circular connector M8 series field attachable for TOTALLY SHIELDED applications.	Circular connector M8 series field attachable for TOTALLY SHIELDED applications.	Circular connector M8 series field attachable for TOTALLY SHIELDED applications.
Contacts type	Female	Female	Male	Male
Number of contacts	3poles	4poles	3poles	4poles
Housing colour	Black	Black	Black	Black
Technical data				
Type of termination	Screw contacts	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.1 N*m	0.1 N*m	0.1 N*m	0.1 N*m
Housing material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Coupling nut type	Knurl round	Knurl round	Knurl round	Knurl round
M8 coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A	3A
Temperature range	-25°C +85°C	-25°C +85°C	-25°C +85°C	-25°C +85°C
O-ring material	NBR	NBR	NBR	NBR
Suitable cable	ø 3.5 - 5.5mm	ø 3.5 - 5.5mm	ø 3.5 - 5.5mm	ø 3.5 - 5.5mm
Packaging				
Qty/Bag	1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
Other accessories options				
See accessories section				
Notes: Connectors available with different features: See the general features and codification scheme page				

• GENERAL FEATURES OF MOULDED CONNECTORS:

Conductor cross section :
0.14(26AWG)...0.50mm²(20AWG).

Housing material :
Polyurethane.

Operating temperature :
-25°C +90°C.

Fixing system :
M8 coupling nut.

Internal core material :
PA66.

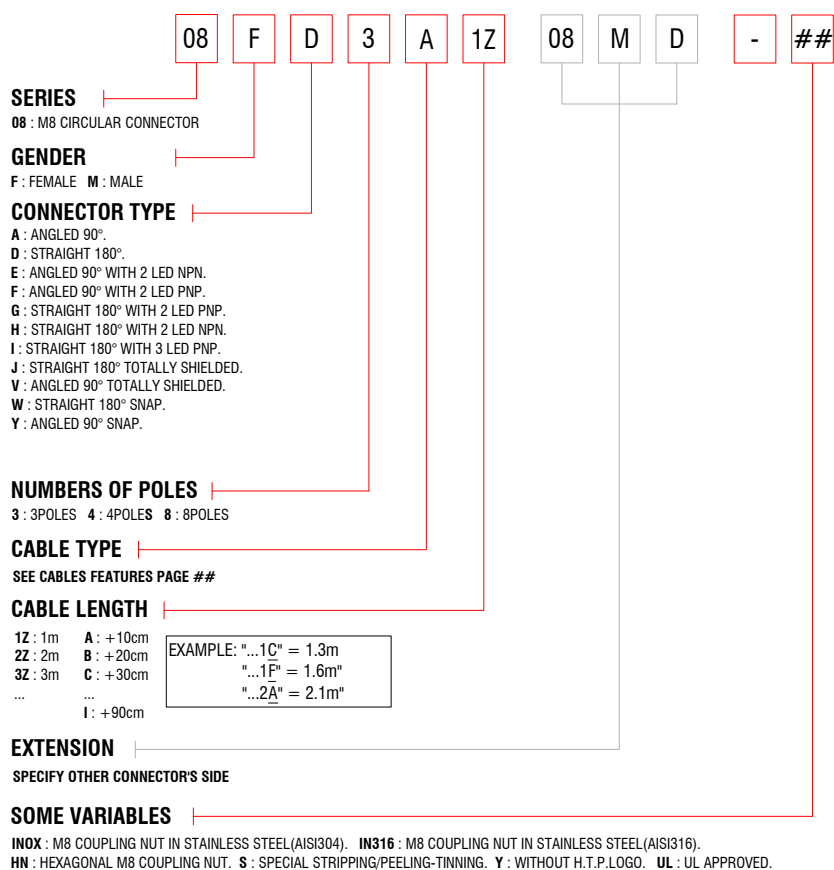
Max. screw torque IEC60947-1
M8 coupling nut torque 0.2 N*m.

Coupling nut material :
Brass + Nickel plated.
Stainless steel AISI304(upon request).
Stainless steel AISI316(upon request).

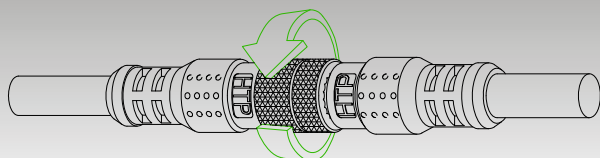
Type of terminations :
Crimped wires.

Protection class :
IP 67/IP69K.

Contact material and treatment :
Brass + Gold flash.



ANTI-VIBRATION SYSTEM:



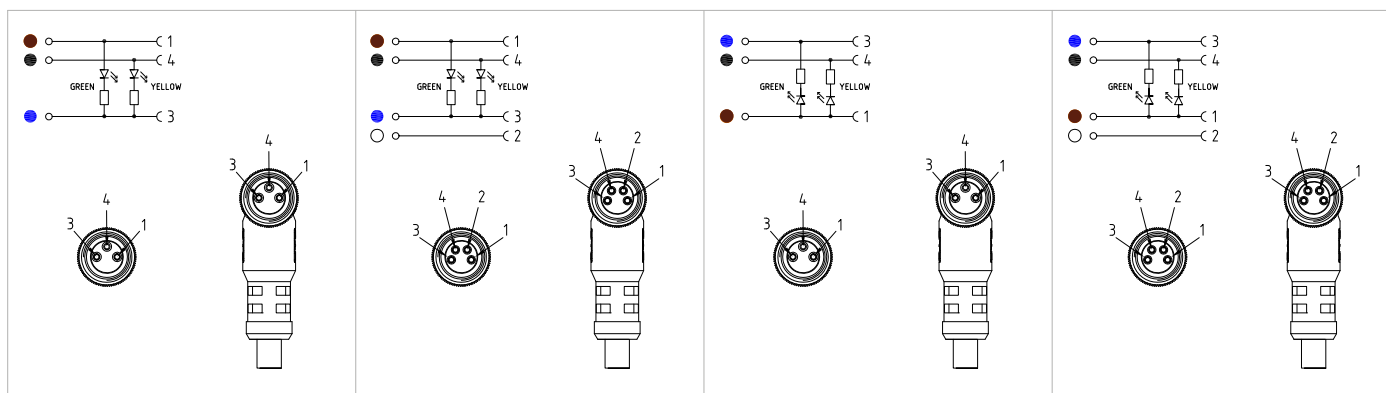
* Not available for M8 circular connector totally shielded.

M8 CIRCULAR CONNECTORS A-CODED

Moulded cable connectors



Technical drawing							
Product description							
Connector type	Circular connector with moulded cable		Circular connector with moulded cable		Circular connector with moulded cable		
Conforms to	IEC 61076-2-104		IEC 61076-2-104		IEC 61076-2-104		
Construction type	M8 A -Coding		M8 A -Coding		M8 A -Coding		
Description	Circular connector M8 series with moulded cable		Circular connector M8 series with moulded cable		Circular connector M8 series with moulded cable		
Part number	08FD3A1Z	08FA3A1Z	08FD4A1Z	08FA4A1Z	08FD8K1Z	08FA8K1Z	
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	
Cable gland	Moulded cable		Moulded cable		Moulded cable		
Contacts type	Female		Female		Female		
Number of contacts	3poles		4poles		8poles		
Housing colour	Black		Black		Black		
Technical data							
Type of termination	Contacts to crimp wires		Contacts to crimp wires		Contacts to solder wires		
Contacts material	Brass + Gold flash		Brass + Gold flash		Brass + Gold flash		
Coupling nut type	Knurl round		Knurl round		Knurl round		
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated		
M8 coupling nut torque	0.2 N*m		0.2 N*m		0.2 N*m		
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC		30V AC/DC		
Rated current	3A		3A		1.5A		
O-ring material	NBR		NBR		NBR		
Cable type	PVC/PVC CEI2022		PVC/PVC CEI2022		PVC/PVC CEI2022		
Cable jacket colour	Black		Black		Black		
No.Conductors / Section	3x0.25mm²		4x0.25mm²		8x0.14mm²		
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black		White;Brown;Green;Yellow;Grey;Pink;Blue;Red		
Cable diameter	ø4mm (±0.3)		ø4.4mm (±0.3)		ø4.9mm (±0.3)		
Cable length	1m		1m		1m		
Packaging							
Qty/Bag	1 pc / bag		1 pc / bag		1 pc / bag		
Other accessories options							
See accessories section							
Notes:							
Connectors available with different feautres:							
See the general features and codification scheme page							
See the cables list section							



Product description

Circular connector with moulded cable	Circular connector with moulded cable	Circular connector with moulded cable	Circular connector with moulded cable
IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
M8 A -Coding	M8 A -Coding	M8 A -Coding	M8 A -Coding
Circular connector M8 series n.2 Led PNP circuit (PIN1: GN;PIN4:YE)with moulded cable	Circular connector M8 series n.2 Led PNP circuit (PIN1: GN;PIN4:YE)with moulded cable	Circular connector M8 series n.2 Led NPN circuit (PIN3: GN;PIN4:YE)with moulded cable	Circular connector M8 series n.2 Led NPN circuit (PIN3: GN;PIN4:YE)with moulded cable
08FG3A1Z	08FF3A1Z	08FG4A1Z	08FF4A1Z
Straight 180°	Angled 90°	Straight 180°	Angled 90°
Moulded cable	Moulded cable	Moulded cable	Moulded cable
Female	Female	Female	Female
3poles	4poles	3poles	4poles
Transparent	Transparent	Transparent	Transparent

Technical data

Contacts to solder PCB	Contacts to solder PCB	Contacts to solder PCB	Contacts to solder PCB
Brass + Gold flash	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Knurl round	Knurl round	Knurl round	Knurl round
Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
0.2 N*m	0.2 N*m	0.2 N*m	0.2 N*m
10-30V DC	10-30V DC	10-30V DC	10-30V DC
3A	3A	3A	3A
NBR	NBR	NBR	NBR
PVC/PVC CEI2022	PVC/PVC CEI2022	PVC/PVC CEI2022	PVC/PVC CEI2022
Black	Black	Black	Black
3x0.25mm ²	4x0.25mm ²	3x0.25mm ²	4x0.25mm ²
Brown; Blue; Black	Brown; White; Blue; Black	Brown; Blue; Black	Brown; White; Blue; Black
ø4mm (±0.3)	ø4.4mm (±0.3)	ø4mm (±0.3)	ø4.4mm (±0.3)
1m	1m	1m	1m

Packaging

1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
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Other accessories options

See accessories section

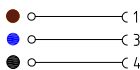
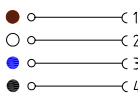
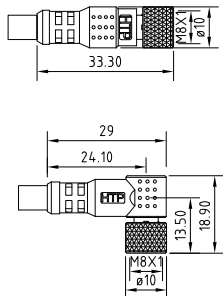
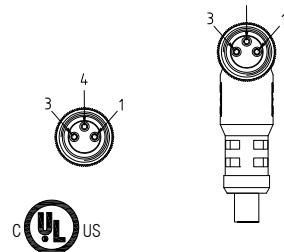
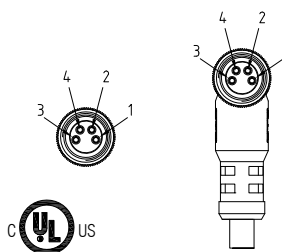
Notes:

Connectors available with different features:
See the general features and codification scheme page
See the cables list section

M8 CIRCULAR CONNECTORS A-CODED

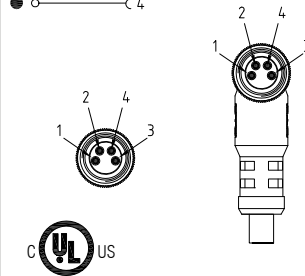
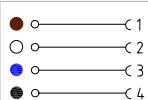
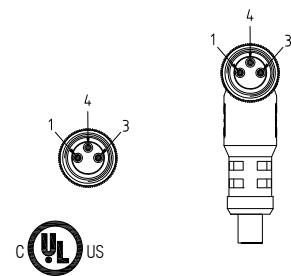
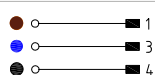
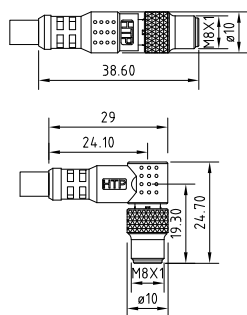
Moulded cable connectors



Technical drawing					
					
Product description					
Connector type	Circular connector with moulded cable		Circular connector with moulded cable		
Conforms to	IEC 61076-2-104 / UL approved		IEC 61076-2-104 / UL approved		
Construction type	M8 A -Coding		M8 A -Coding		
Description	Circular connector M8 series,UL approved with moulded cable		Circular connector M8 series,UL approved with moulded cable		
Part number	08FD3C1Z-K6-UL	08FA3C1Z-K6-UL	08FD4D1Z-K6-UL	08FA4D1Z-K6-UL	
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°	
Cable gland	Moulded cable		Moulded cable		
Contacts type	Female		Female		
Number of contacts	3poles		4poles		
Housing colour	Black		Black		
Technical data					
Type of termination	Contacts to crimp wires		Contacts to crimp wires		
Contacts material	Brass + Gold flash		Brass + Gold flash		
Coupling nut type	Knurl round		Knurl round		
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated		
M8 coupling nut torque	0.2 N*m		0.2 N*m		
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC		
Rated current	3A		3A		
O-ring material	NBR		NBR		
Cable type	PUR/TPO ULstyle 21576 HIGH FLEX		PUR/TPO ULstyle 21576 HIGH FLEX		
Cable jacket colour	Black		Black		
No.Conductors / Section	3xAWG24 (0.25mm²)		4xAWG22 (0.34mm²)		
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black		
Cable diameter	ø4.1mm (±0.3)		ø4.8mm (±0.3)		
Cable length	1m		1m		
Packaging					
Qty/Bag	1 pc / bag		1 pc / bag		
Other accessories options					
See accessories section					
Notes: Connectors available with different feautres: See the general features and codification scheme page See the cables list section					



Technical drawing



Product description

Connector type	Circular connector with moulded cable		Circular connector with moulded cable	
Conforms to	IEC 61076-2-104 / UL approved		IEC 61076-2-104 / UL approved	
Construction type	M8 A -Coding		M8 A -Coding	
Description	Circular connector M8 series, UL approved with moulded cable		Circular connector M8 series, UL approved with moulded cable	
Part number	08MD3C1Z-K6-UL	08MA3C1Z-K6-UL	08MD4D1Z-K6-UL	08MA4D1Z-K6-UL
Housing type	Straight 180° Angled 90°		Straight 180° Angled 90°	
Cable gland	Moulded cable		Moulded cable	
Contacts type	Male		Male	
Number of contacts	3poles		4poles	
Housing colour	Black		Black	

Technical data

Type of termination	Contacts to crimp wires		Contacts to crimp wires	
Contacts material	Brass + Gold flash		Brass + Gold flash	
Coupling nut type	Knurl round		Knurl round	
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated	
M8 coupling nut torque	0.2 N*m		0.2 N*m	
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC	
Rated current	3A		3A	
O-ring material	-		-	
Cable type	PUR/TPO ULstyle 21576 HIGH FLEX		PUR/TPO ULstyle 21576 HIGH FLEX	
Cable jacket colour	Black		Black	
No. Conductors / Section	3xAWG24 (0.25mm ²)		4xAWG22 (0.34mm ²)	
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black	
Cable diameter	ø4.1mm (±0.3)		ø4.8mm (±0.3)	
Cable length	1m		1m	

Packaging

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

See accessories section

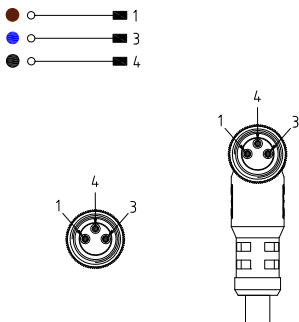
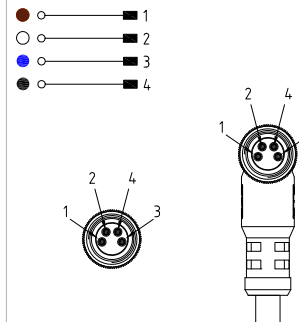
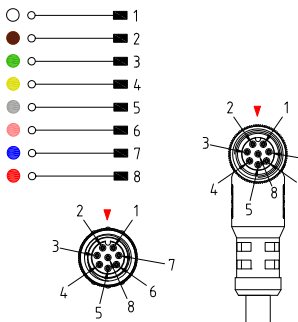
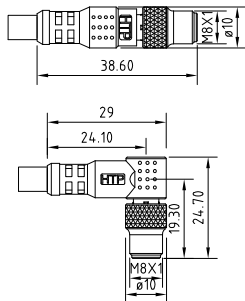
Notes:

Connectors available with different features:
See the general features and codification scheme page
See the cables list section

M8 CIRCULAR CONNECTORS A-CODED

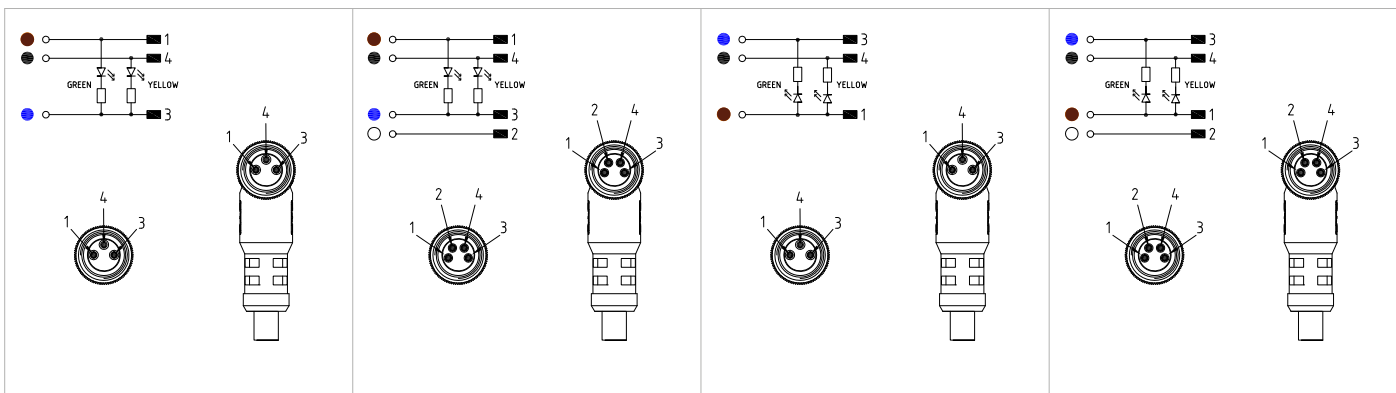
Moulded cable connectors



Technical drawing							
							
Product description							
Connector type	Circular connector with moulded cable		Circular connector with moulded cable		Circular connector with moulded cable		
Conforms to	IEC 61076-2-104		IEC 61076-2-104		IEC 61076-2-104		
Construction type	M8 A -Coding		M8 A -Coding		M8 A -Coding		
Description	Circular connector M8 series with moulded cable		Circular connector M8 series with moulded cable		Circular connector M8 series with moulded cable		
Part number	08MD3A1Z	08MA3A1Z	08MD4A1Z	08MA4A1Z	08MD8K1Z	08MA8K1Z	
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	
Cable gland	Moulded cable		Moulded cable		Moulded cable		
Contacts type	Male		Male		Male		
Number of contacts	3poles		4poles		8poles		
Housing colour	Black		Black		Black		
Technical data							
Type of termination	Contacts to crimp wires		Contacts to crimp wires		Contacts to solder wires		
Contacts material	Brass + Gold flash		Brass + Gold flash		Brass + Gold flash		
Coupling nut type	Knurl round		Knurl round		Knurl round		
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated		
M8 coupling nut torque	0.2 N*m		0.2 N*m		0.2 N*m		
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC		30V AC/DC		
Rated current	3A		3A		1.5A		
O-ring material	-		-		-		
Cable type	PVC/PVC CEI2022		PVC/PVC CEI2022		PVC/PVC CEI2022		
Cable jacket colour	Black		Black		Black		
No.Conductors / Section	3x0.25mm²		4x0.25mm²		8x0.14mm²		
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black		White;Brown;Green;Yellow;Grey;Pink;Blue;Red		
Cable diameter	ø4mm (±0.3)		ø4.4mm (±0.3)		ø4.9mm (±0.3)		
Cable length	1m		1m		1m		
Packaging							
Qty/Bag	1 pc / bag		1 pc / bag		1 pc / bag		
Other accessories options							
See accessories section							
Notes: Connectors available with different feautres: See the general features and codification scheme page See the cables list section							

M8 CIRCULAR CONNECTORS A-CODED

Moulded cable connectors



Product description

Circular connector with moulded cable		Circular connector with moulded cable		Circular connector with moulded cable		Circular connector with moulded cable	
IEC 61076-2-104		IEC 61076-2-104		IEC 61076-2-104		IEC 61076-2-104	
M8 A -Coding		M8 A -Coding		M8 A -Coding		M8 A -Coding	
Circular connector M8 series n.2 Led PNP circuit (PIN1: GN;PIN4:YE)with moulded cable		Circular connector M8 series n.2 Led PNP circuit (PIN1: GN;PIN4:YE)with moulded cable		Circular connector M8 series n.2 Led NPN circuit (PIN3: GN;PIN4:YE)with moulded cable		Circular connector M8 series n.2 Led NPN circuit (PIN3: GN;PIN4:YE)with moulded cable	
08MG3A1Z	08MF3A1Z	08MG4A1Z	08MF4A1Z	08MH3A1Z	08ME3A1Z	08MH4A1Z	08ME4A1Z
Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°
Moulded cable		Moulded cable		Moulded cable		Moulded cable	
Male		Male		Male		Male	
3poles		4poles		3poles		4poles	
Transparent		Transparent		Transparent		Transparent	

Technical data

Contacts to solder PCB		Contacts to solder PCB		Contacts to solder PCB		Contacts to solder PCB	
Brass + Gold flash		Brass + Gold flash		Brass + Gold flash		Brass + Gold flash	
Knurl round		Knurl round		Knurl round		Knurl round	
Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated	
0.2 N*m		0.2 N*m		0.2 N*m		0.2 N*m	
10-30V DC		10-30V DC		10-30V DC		10-30V DC	
3A		3A		3A		3A	
-		-		-		-	
PVC/PVC CEI2022		PVC/PVC CEI2022		PVC/PVC CEI2022		PVC/PVC CEI2022	
Black		Black		Black		Black	
3x0.25mm ²		4x0.25mm ²		3x0.25mm ²		4x0.25mm ²	
Brown; Blue; Black		Brown; White; Blue; Black		Brown; Blue; Black		Brown; White; Blue; Black	
ø4mm (±0.3)		ø4.4mm (±0.3)		ø4mm (±0.3)		ø4.4mm (±0.3)	
1m		1m		1m		1m	

Packaging

1 pc / bag	1 pc / bag	1 pc / bag	1 pc / bag
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Other accessories options

See accessories section

Notes:

Connectors available with different features:
See the general features and codification scheme page
See the cables list section

M8 CIRCULAR CONNECTORS A-CODED

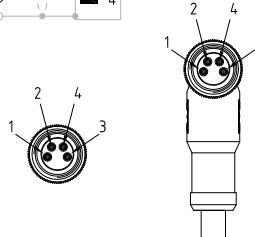
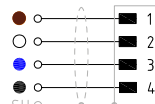
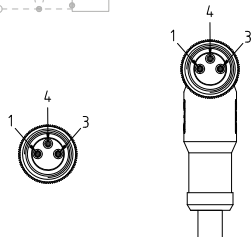
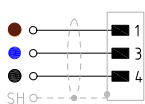
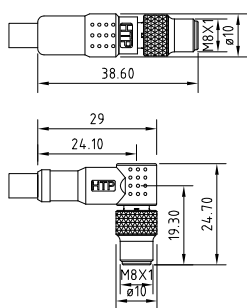
Moulded cable connectors



Technical drawing			
Product description			
Connector type	Circular connector with moulded cable		Circular connector with moulded cable
Conforms to	IEC 61076-2-104		IEC 61076-2-104
Construction type	M8 A -Coding		M8 A -Coding
Description	Circular connector M8 series TOTALLY SHIELDED connector with moulded cable		Circular connector M8 series TOTALLY SHIELDED connector with moulded cable
Part number	08FJ3J1Z	08FV3J1Z	08FJ4J1Z 08FV4J1Z
Housing type	Straight 180° Angled 90°		Straight 180° Angled 90°
Cable gland	Moulded cable		Moulded cable
Contacts type	Female		Female
Number of contacts	3poles		4poles
Housing colour	Black		Black
Technical data			
Type of termination	Contacts to crimp wires		Contacts to crimp wires
Contacts material	Brass + Gold flash		Brass + Gold flash
Coupling nut type	Knurl round		Knurl round
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated
M8 coupling nut torque	0.2 N*m		0.2 N*m
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC
Rated current	3A		3A
O-ring material	NBR		NBR
Cable type	PVC/PVC CEI2022 SHIELDED		PVC/PVC CEI2022 SHIELDED
Cable jacket colour	Black		Black
No.Conductors / Section	3x0.25mm ²		4x0.25mm ²
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black
Cable diameter	ø4.4mm (±0.3)		ø4.8mm (±0.3)
Cable length	1m		1m
Packaging			
Qty/Bag	1 pc / bag		1 pc / bag
Other accessories options			
See accessories section			
Notes:			
Connectors available with different features:			
See the general features and codification scheme page			
See the cables list section			



Technical drawing



Product description

Connector type	Circular connector with moulded cable		Circular connector with moulded cable	
Conforms to	IEC 61076-2-104		IEC 61076-2-104	
Construction type	M8 A -Coding		M8 A -Coding	
Description	Circular connector M8 series TOTALLY SHIELDED connector with moulded cable		Circular connector M8 series TOTALLY SHIELDED connector with moulded cable	
Part number	08MJ3J1Z	08MV3J1Z	08MJ4J1Z	08MV4J1Z
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°
Cable gland	Moulded cable		Moulded cable	
Contacts type	Male		Male	
Number of contacts	3poles		4poles	
Housing colour	Black		Black	

Technical data

Type of termination	Contacts to crimp wires		Contacts to crimp wires	
Contacts material	Brass + Gold flash		Brass + Gold flash	
Coupling nut type	Knurl round		Knurl round	
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated	
M8 coupling nut torque	0.2 N*m		0.2 N*m	
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC	
Rated current	3A		3A	
O-ring material	-		-	
Cable type	PVC/PVC CEI2022 SHIELDED		PVC/PVC CEI2022 SHIELDED	
Cable jacket colour	Black		Black	
No. Conductors / Section	3x0.25mm ²		4x0.25mm ²	
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black	
Cable diameter	ø4.4mm (±0.3)		ø4.8mm (±0.3)	
Cable length	1m		1m	

Packaging

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

See accessories section

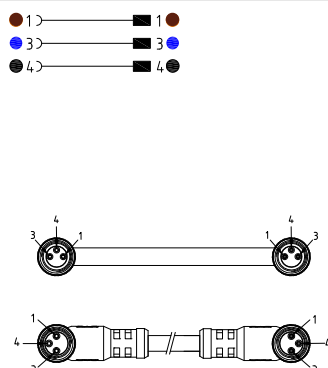
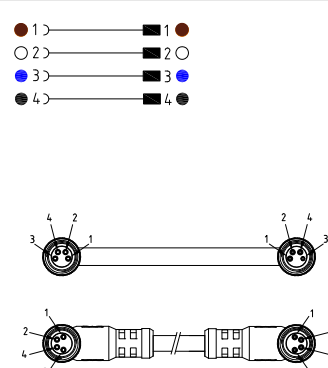
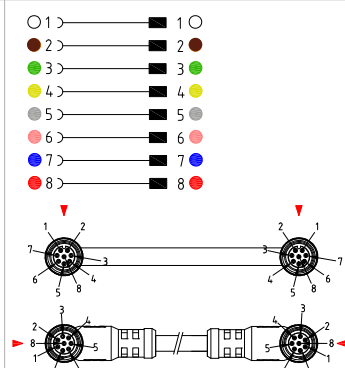
Notes:

Connectors available with different features:
See the general features and codification scheme page
See the cables list section

M8 CIRCULAR CONNECTORS A-CODED

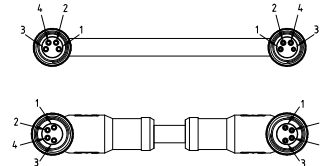
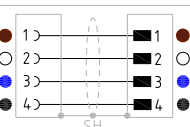
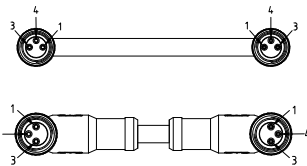
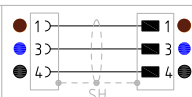
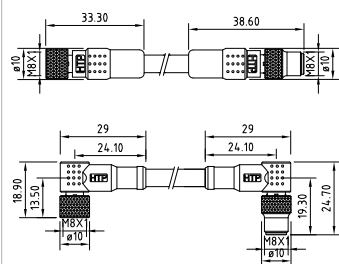
Moulded cable connectors



Technical drawing							
Product description							
Connector type		Circular connector with moulded cable		Circular connector with moulded cable		Circular connector with moulded cable	
Conforms to		IEC 61076-2-104		IEC 61076-2-104		IEC 61076-2-104	
Construction type		M8 A -Coding		M8 A -Coding		M8 A -Coding	
Description		Circular connector M8 series with moulded cable		Circular connector M8 series with moulded cable		Circular connector M8 series with moulded cable	
Part number		08FD3A1Z08MD	08FA3A1Z08MA	08FD4A1Z08MD	08FA4A1Z08MA	08FD8K1Z08MD	08FA8K1Z08MA
Housing type		Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°
Cable gland		Moulded cable		Moulded cable		Moulded cable	
Contacts type		Female-Male		Female-Male		Female-Male	
Number of contacts		3poles		4poles		8poles	
Housing colour		Black		Black		Black	
Technical data							
Type of termination		Contacts to crimp wires		Contacts to crimp wires		Contacts to solder wires	
Contacts material		Brass + Gold flash		Brass + Gold flash		Brass + Gold flash	
Coupling nut type		Knurl round		Knurl round		Knurl round	
M8 coupling nut material		Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated	
M8 coupling nut torque		0.2 N*m		0.2 N*m		0.2 N*m	
Rated voltage		50V AC/ 60V DC		50V AC/ 60V DC		30V AC/DC	
Rated current		3A		3A		1.5A	
O-ring material		NBR		NBR		NBR	
Cable type		PVC/PVC CEI2022		PVC/PVC CEI2022		PVC/PVC CEI2022	
Cable jacket colour		Black		Black		Black	
No.Conductors / Section		3x0.25mm²		4x0.25mm²		8x0.14mm²	
Conductor colours		Brown; Blue; Black		Brown; White; Blue; Black		White;Brown;Green;Yellow;Grey;Pink;Blue;Red	
Cable diameter		ø4mm (±0.3)		ø4.4mm (±0.3)		ø4.9mm (±0.3)	
Cable length		1m		1m		1m	
Packaging							
Qty/Bag		1 pc / bag		1 pc / bag		1 pc / bag	
Other accessories options							
See accessories section							
Notes:							
Connectors available with different feautres: See the general features and codification scheme page See the cables list section							



Technical drawing



Product description

Connector type	Circular connector with moulded cable		Circular connector with moulded cable	
Conforms to	IEC 61076-2-104		IEC 61076-2-104	
Construction type	M8 A -Coding		M8 A -Coding	
Description	Extension M8-M8 connectors TOTALLY SHIELDED with moulded cable		Extension M8-M8 connectors TOTALLY SHIELDED with moulded cable	
Part number	08FJ3J1Z08MJ	08FV3J1Z08MV	08FJ4J1Z08MJ	08FV4J1Z08MV
Housing type	Straight 180°		Angled 90°	
Cable gland	Moulded cable		Moulded cable	
Contacts type	Female-Male		Female-Male	
Number of contacts	3poles		4poles	
Housing colour	Black		Black	

Technical data

Type of termination	Contacts to crimp wires		Contacts to crimp wires	
Contacts material	Brass + Gold flash		Brass + Gold flash	
Coupling nut type	Knurl round		Knurl round	
M8 coupling nut material	Brass + Nickel plated		Brass + Nickel plated	
M8 coupling nut torque	0.2 N*m		0.2 N*m	
Rated voltage	50V AC/ 60V DC		50V AC/ 60V DC	
Rated current	3A		3A	
O-ring material	NBR		NBR	
Cable type	PVC/PVC CEI2022 SHIELDED		PVC/PVC CEI2022 SHIELDED	
Cable jacket colour	Black		Black	
No. Conductors / Section	3x0.25mm ²		4x0.25mm ²	
Conductor colours	Brown; Blue; Black		Brown; White; Blue; Black	
Cable diameter	ø4.4mm (±0.3)		ø4.8mm (±0.3)	
Cable length	1m		1m	

Packaging

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

See accessories section

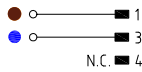
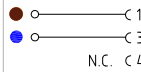
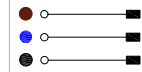
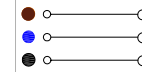
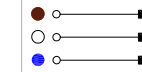
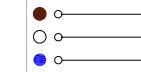
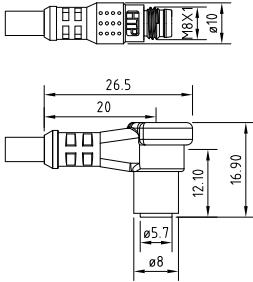
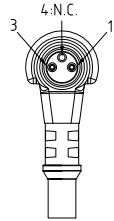
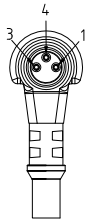
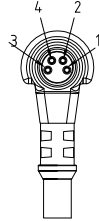
Notes:

Connectors available with different features:
See the general features and codification scheme page
See the cables list section

M8 CIRCULAR CONNECTORS A-CODED

Moulded cable connectors SNAP series



Technical drawing													
													
Product description													
Connector type	Circular connector with moulded cable			Circular connector with moulded cable			Circular connector with moulded cable						
Conforms to	IEC 61076-2-104			IEC 61076-2-104			IEC 61076-2-104						
Construction type	M8 A -Coding			M8 A -Coding			M8 A -Coding						
Description	Circular connector M8 SNAP series with moulded cable			Circular connector M8 SNAP series with moulded cable			Circular connector M8 SNAP series with moulded cable						
Part number	08MW2N1Z	08FY2N1Z-Y		08MW3N1Z	08FY3N1Z-Y		08MW4N1Z	08FY4N1Z-Y					
Housing type	Straight 180°		Angled 90°	Straight 180°		Angled 90°	Straight 180°		Angled 90°				
Cable gland	Moulded cable			Moulded cable			Moulded cable						
Contacts type	Male		Female	Male		Female	Male		Female				
Number of contacts	2poles			3poles			4poles						
Housing colour	Black			Black			Black						
Technical data													
Type of termination	Contacts to crimp wires			Contacts to crimp wires			Contacts to crimp wires						
Contacts material	Brass + Gold flash			Brass + Gold flash			Brass + Gold flash						
Coupling nut type	-			-			-						
M8 coupling nut material	-			-			-						
M8 coupling nut torque	-			-			-						
Rated voltage	50V AC/ 60V DC			50V AC/ 60V DC			50V AC/ 60V DC						
Rated current	3A			3A			3A						
O-ring material	-			-			-						
Cable type	PVC/PVC CEI2022			PVC/PVC CEI2022			PVC/PVC CEI2022						
Cable jacket colour	Grey RAL 7032			Grey RAL 7032			Grey RAL 7032						
No.Conductors / Section	2x0.25mm²			3x0.25mm²			4x0.25mm²						
Conductor colours	Brown; Blue			Brown; Blue; Black			Brown; White; Blue; Black;						
Cable diameter	ø3.5mm (±0.3)			ø4mm (±0.3)			ø4.4mm (±0.3)						
Cable length	1m			1m			1m						
Packaging													
Qty/Bag	1 pc / bag			1 pc / bag			1 pc / bag						
Other accessories options													
See accessories section													
Notes:													
Connectors available with different feautres:													
See the general features and codification scheme page													
See the cables list section													

M8 CIRCULAR CONNECTORS A-CODED

Panel mount connectors - General features and codification scheme

• GENERAL FEATURES PANEL MOUNT CONNECTORS:

Conductor cross section :
0.14(26AWG)...0.50mm²(20AWG).

Type of terminations :
Solder wires.
Solder PCB.

Housing material :
Brass + Nickel plated.
Stainless Steel AISI304
(upon request).
Stainless Steel AISI316
(upon request).

Internal core material :
PA66.

Operating temperature :
-25°C + 90°C.

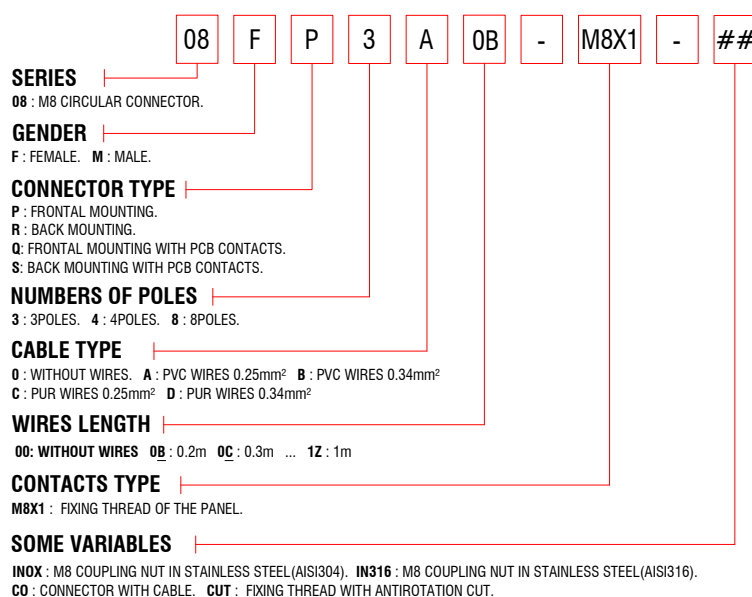
Fixing system :
M8 coupling nut.

Contact material and treatment :
Brass + Gold flash.

Flammability resistance :
UL94-V2 - Standard.

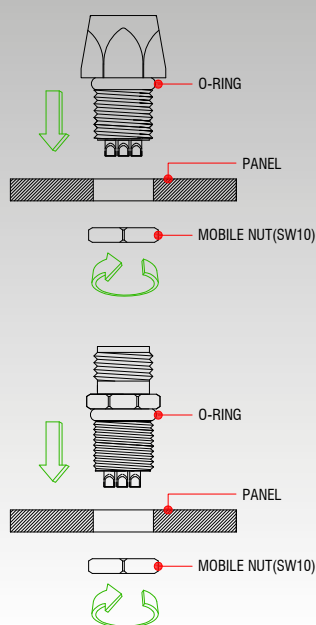
Max. screw torque IEC60947-1
M8 coupling nut torque 0.2 N*m.

Protection class :
IP 67 (assembled).



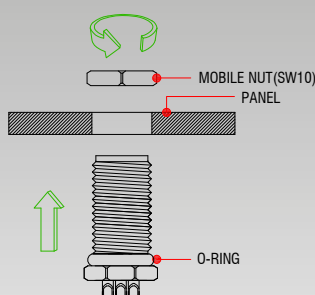
FRONT MOUNTING:

The type of mounting of the panel connector into the panel is defined with reference to the way the connector is mounted into the panel. In front mounting the mobile nut is in the back side towards the panel.

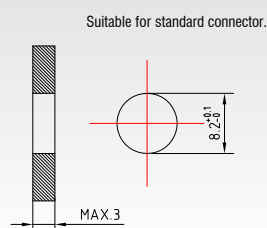


BACK MOUNTING:

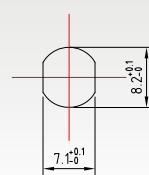
The type of mounting of the panel connector into the panel is defined with reference to the way the connector is mounted into the panel. In back mounting the mobile nut is in the front side towards the panel.



PANEL FEATURES:



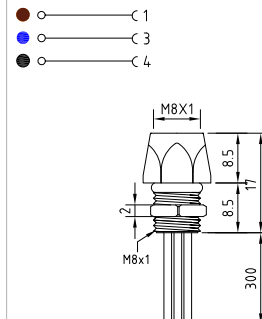
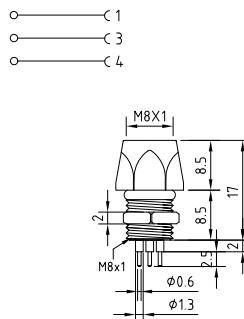
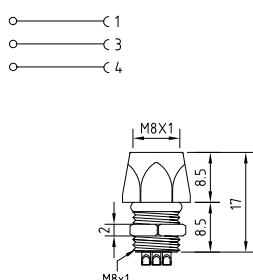
* Suitable for connector with cut on the fixed thread.



Panel mount connectors



Technical drawing of a hexagonal bolt head. The drawing shows a hexagonal head with a central circular hole. The head is labeled with '4' at the top, '3' on the left, and '1' on the right. The width across the flats is labeled 'SW10'.



Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series,panle mount	Circular connector M8,panel mount,with contacts suitable for solder PCB.	Circular connector M8 series,panel mount, with PVC soldered wires.
Part number	08FP3000-M8X1	08FQ3000-M8X1	08FP3A0C-M8X1
Mounting type	Frontal side of the panel	Frontal side of the panel	Frontal side of the panel
Contacts type	Female	Female	Female
Number of contacts	3poles	3poles	3poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1

Type of termination	Contacts to solder wires	Contacts to solder PCB	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No.Conductors / Section	-	-	3x0.25mm²
Conductor colours	-	-	Brown; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m

Qty/Bag	Not defined	Not defined	Not defined
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See accessories section

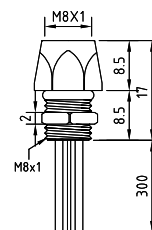
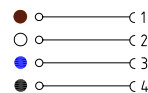
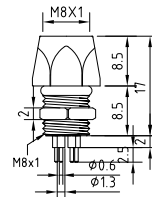
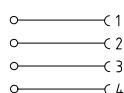
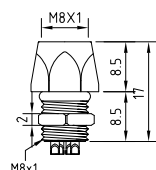
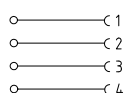
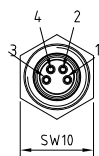
Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

Panel mount connectors



Technical drawing



Product description

Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series, panel mount	Circular connector M8, panel mount, with contacts suitable for solder PCB.	Circular connector M8 series, panel mount, with PVC soldered wires.
Part number	08FP4000-M8X1	08FQ4000-M8X1	08FP4A0C-M8X1
Mounting type	Frontal side of the panel	Frontal side of the panel	Frontal side of the panel
Contacts type	Female	Female	Female
Number of contacts	4poles	4poles	4poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1

Technical data

Type of termination	Contacts to solder wires	Contacts to solder PCB	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No. Conductors / Section	-	-	4x0.25mm ²
Conductor colours	-	-	Brown; White; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m

Packaging

Qty/Bag	Not defined	Not defined	Not defined
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Other accessories options

See accessories section

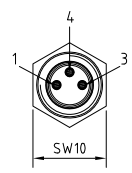
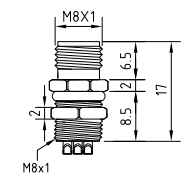
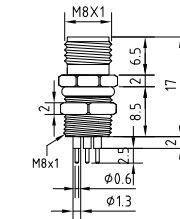
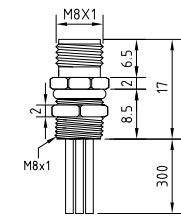
Notes:

Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

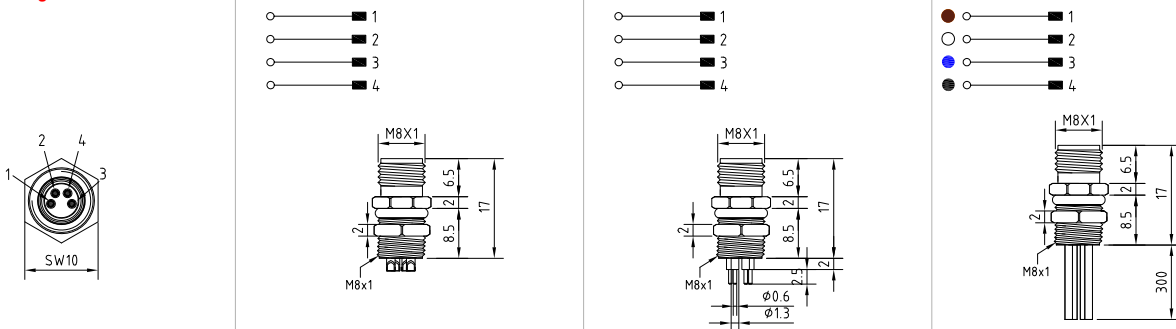
Panel mount connectors



Technical drawing			
			
Product description			
Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series,panle mount	Circular connector M8,panel mount,with contacts suitable for solder PCB.	Circular connector M8 series,panel mount, with PVC soldered wires.
Part number	08MP3000-M8X1	08MQ3000-M8X1	08MP3A0C-M8X1
Mounting type	Frontal side of the panel	Frontal side of the panel	Frontal side of the panel
Contacts type	Male	Male	Male
Number of contacts	3poles	3poles	3poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1
Technical data			
Type of termination	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires
Contacts material	Brass+ Gold flash	Brass+ Gold flash	Brass+ Gold flash
Housing /coupling nut material	Brass+ Nickel plated	Brass+ Nickel plated	Brass+ Nickel plated
Mobile nut material(SW)	Brass+ Nickel plated (SW10)	Brass+ Nickel plated (SW10)	Brass+ Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No.Conductors / Section	-	-	3x0.25mm ²
Conductor colours	-	-	Brown; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m
Packaging			
Qty/Bag	Not defined	Not defined	Not defined
Other accessories options			
See accessories section			
Notes: Connectors available with different feautres: See the general features and codification scheme page			



Technical drawing



Product description

Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series, panel mount	Circular connector M8, panel mount, with contacts suitable for solder PCB.	Circular connector M8 series, panel mount, with PVC soldered wires.
Part number	08MP4000-M8X1	08MQ4000-M8X1	08MP4A0C-M8X1
Mounting type	Frontal side of the panel	Frontal side of the panel	Frontal side of the panel
Contacts type	Male	Male	Male
Number of contacts	4poles	4poles	4poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1

Technical data

Type of termination	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No. Conductors / Section	-	-	4x0.25mm ²
Conductor colours	-	-	Brown; White; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m

Packaging

Qty/Bag	Not defined	Not defined	Not defined
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Other accessories options

See accessories section

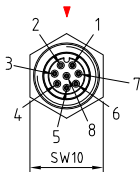
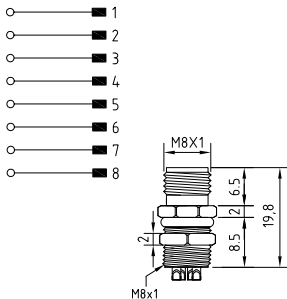
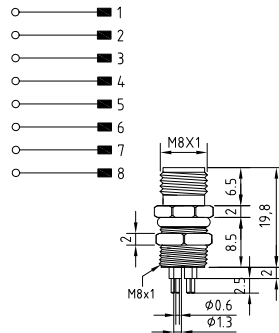
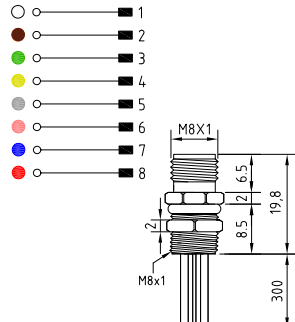
Notes:

Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

Panel mount connectors



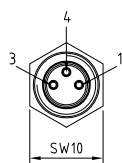
Technical drawing    																																																							
Product description <table> <tr> <td>Connector type</td><td>Circular connector panel mount</td><td>Circular connector panel mount</td><td>Circular connector panel mount</td></tr> <tr> <td>Conforms to</td><td>IEC 61076-2-104</td><td>IEC 61076-2-104</td><td>IEC 61076-2-104</td></tr> <tr> <td>Construction type</td><td>M8 A -Coding</td><td>M8 A -Coding</td><td>M8 A -Coding</td></tr> <tr> <td>Description</td><td>Circular connector M8 series,panle mount</td><td>Circular connector M8,panel mount,with contacts suitable for solder PCB.</td><td>Circular connector M8 series,panel mount, with PVC soldered wires.</td></tr> <tr> <td>Part number</td><td>08MP8000-M8X1</td><td>08MQ8000-M8X1</td><td>08MP8A0C-M8X1</td></tr> <tr> <td>Mounting type</td><td>Frontal side of the panel</td><td>Frontal side of the panel</td><td>Frontal side of the panel</td></tr> <tr> <td>Contacts type</td><td>Male</td><td>Male</td><td>Male</td></tr> <tr> <td>Number of contacts</td><td>8poles</td><td>8poles</td><td>8poles</td></tr> <tr> <td>Fixing Thread</td><td>M8 x 1</td><td>M8 x 1</td><td>M8 x 1</td></tr> </table>				Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount	Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104	Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding	Description	Circular connector M8 series,panle mount	Circular connector M8,panel mount,with contacts suitable for solder PCB.	Circular connector M8 series,panel mount, with PVC soldered wires.	Part number	08MP8000-M8X1	08MQ8000-M8X1	08MP8A0C-M8X1	Mounting type	Frontal side of the panel	Frontal side of the panel	Frontal side of the panel	Contacts type	Male	Male	Male	Number of contacts	8poles	8poles	8poles	Fixing Thread	M8 x 1	M8 x 1	M8 x 1																
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Packaging <table> <tr> <td>Qty/Bag</td><td>Not defined</td><td>Not defined</td><td>Not defined</td></tr> </table>				Qty/Bag	Not defined	Not defined	Not defined																																																
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Other accessories options See accessories section																																																							
Notes: Connectors available with different feautres: See the general features and codification scheme page																																																							

M8 CIRCULAR CONNECTORS A-CODED

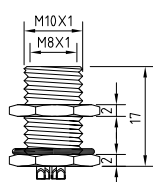
Panel mount connectors



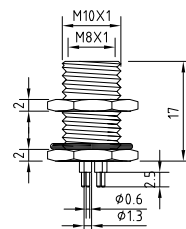
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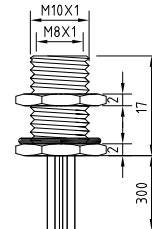
○ — C 1
○ — C 3
○ — C 4



○ — C 1
○ — C 3
○ — C 4



● ○ — C 1
● ○ — C 3
● ○ — C 4



Product description

Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series, panel mount	Circular connector M8, panel mount, with contacts suitable for solder PCB.	Circular connector M8 series, panel mount, with PVC soldered wires.
Part number	08FR3000-M8X1	08FS3000-M8X1	08FR3A0C-M8X1
Mounting type	Back side of the panel	Back side of the panel	Back side of the panel
Contacts type	Female	Female	Female
Number of contacts	3poles	3poles	3poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1

Technical data

Type of termination	Contacts to solder wires	Contacts to solder PCB	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No. Conductors / Section	-	-	3x0.25mm ²
Conductor colours	-	-	Brown; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m

Packaging

Qty/Bag	Not defined	Not defined	Not defined
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Other accessories options

See accessories section

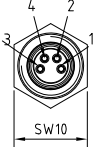
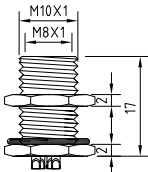
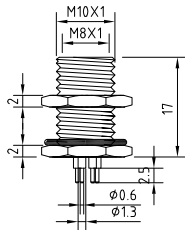
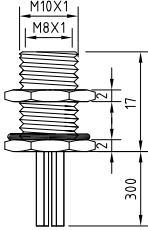
Notes:

Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

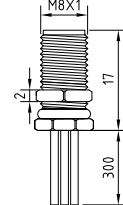
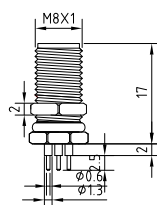
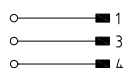
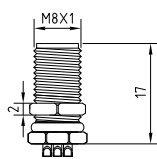
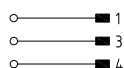
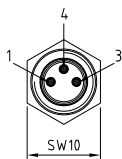
Panel mount connectors



Technical drawing			
			
Product description			
Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series, panel mount	Circular connector M8, panel mount, with contacts suitable for solder PCB.	Circular connector M8 series, panel mount, with PVC soldered wires.
Part number	08FR4000-M8X1	08FS4000-M8X1	08FR4A0C-M8X1
Mounting type	Back side of the panel	Back side of the panel	Back side of the panel
Contacts type	Female	Female	Female
Number of contacts	4poles	4poles	4poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1
Technical data			
Type of termination	Contacts to solder wires	Contacts to solder PCB	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No. Conductors / Section	-	-	4x0.25mm ²
Conductor colours	-	-	Brown; White; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m
Packaging			
Qty/Bag	Not defined	Not defined	Not defined
Other accessories options			
See accessories section			
Notes: Connectors available with different features: See the general features and codification scheme page			



Technical drawing



Product description

Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series, panel mount	Circular connector M8, panel mount, with contacts suitable for solder PCB.	Circular connector M8 series, panel mount, with PVC soldered wires.
Part number	08MR3000-M8X1	08MS3000-M8X1	08MR3A0C-M8X1
Mounting type	Back side of the panel	Back side of the panel	Back side of the panel
Contacts type	Male	Male	Male
Number of contacts	3poles	3poles	3poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1

Technical data

Type of termination	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No. Conductors / Section	-	-	3x0.25mm ²
Conductor colours	-	-	Brown; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m

Packaging

Qty/Bag	Not defined	Not defined	Not defined
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Other accessories options

See accessories section

Notes:

Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

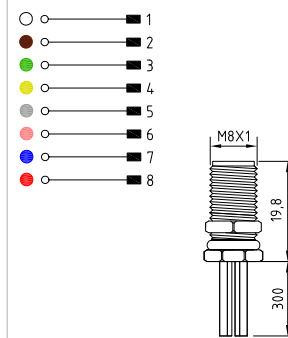
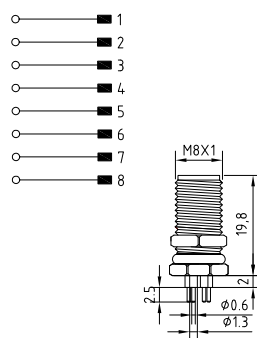
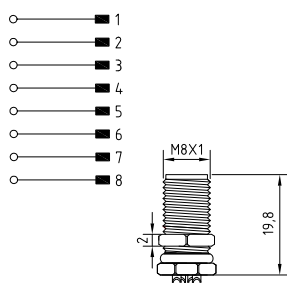
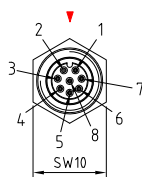
Panel mount connectors



Technical drawing			
Product description			
Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series,panle mount	Circular connector M8,panel mount,with contacts suitable for solder PCB.	Circular connector M8 series,panel mount, with PVC soldered wires.
Part number	08MR4000-M8X1	08MS4000-M8X1	08MR4A0C-M8X1
Mounting type	Back side of the panel	Back side of the panel	Back side of the panel
Contacts type	Male	Male	Male
Number of contacts	4poles	4poles	4poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1
Technical data			
Type of termination	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires
Contacts material	Brass+Gold flash	Brass+Gold flash	Brass+Gold flash
Housing /coupling nut material	Brass+Nickel plated	Brass+Nickel plated	Brass+Nickel plated
Mobile nut material(SW)	Brass+Nickel plated (SW10)	Brass+Nickel plated (SW10)	Brass+Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A	3A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No.Conductors / Section	-	-	4x0.25mm ²
Conductor colours	-	-	Brown; White; Blue; Black
Cable diameter	-	-	-
Wires length	-	-	0.3m
Packaging			
Qty/Bag	Not defined	Not defined	Not defined
Other accessories options			
See accessories section			
Notes: Connectors available with different feautres: See the general features and codification scheme page			



Technical drawing



Product description

Connector type	Circular connector panel mount	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding	M8 A -Coding
Description	Circular connector M8 series, panel mount	Circular connector M8, panel mount, with contacts suitable for solder PCB.	Circular connector M8 series, panel mount, with PVC soldered wires.
Part number	08MR8000-M8X1	08MS8000-M8X1	08MR8A0C-M8X1
Mounting type	Back side of the panel	Back side of the panel	Back side of the panel
Contacts type	Male	Male	Male
Number of contacts	8poles	8poles	8poles
Fixing Thread	M8 x 1	M8 x 1	M8 x 1

Technical data

Type of termination	Contacts to solder wires	Contacts to solder wires	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m	0.2 N*m
Rated voltage	30V AC/ DC	30V AC/ DC	30V AC/ DC
Rated current	1.5A	1.5A	1.5A
O-ring material	NBR	NBR	NBR
Cable type	-	-	PVC
No. Conductors / Section	-	-	8x0.14mm ²
Conductor colours	-	-	White; Brown; Green; Yellow; Grey; Pink; Blue; Red
Cable diameter	-	-	-
Wires length	-	-	0.3m

Packaging

Qty/Bag	Not defined	Not defined	Not defined
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Other accessories options

See accessories section

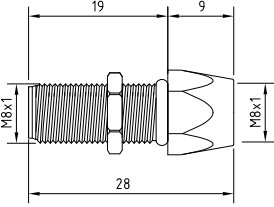
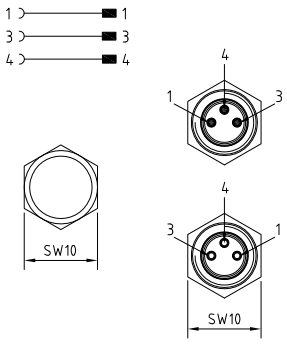
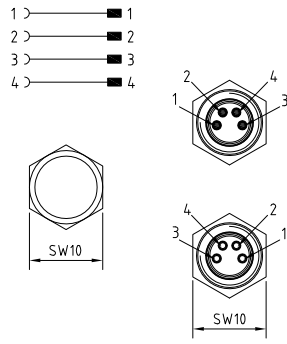
Notes:

Connectors available with different features:
See the general features and codification scheme page

M8 CIRCULAR CONNECTORS A-CODED

Panel mount connectors



Technical drawing		
		
Product description		
Connector type	Circular connector panel mount	Circular connector panel mount
Conforms to	IEC 61076-2-104	IEC 61076-2-104
Construction type	M8 A -Coding	M8 A -Coding
Description	Adapter Female - Male M8 series circular connector,panel mount	Adapter Female - Male M8 series circular connector,panel mount
Part number	08FP3-08MP-M8X1	08FP4-08MP-M8X1
Mounting type	Frontal side of the panel	Frontal side of the panel
Contacts type	Female - Male	Female - Male
Number of contacts	3poles	4poles
Fixing Thread	M8 x 1	M8 x 1
Technical data		
Type of termination	Contacts to solder wires	Contacts to solder wires
Contacts material	Brass + Gold flash	Brass + Gold flash
Housing /coupling nut material	Brass + Nickel plated (SW10)	Brass + Nickel plated
Mobile nut material(SW)	Brass + Nickel plated (SW10)	Brass + Nickel plated (SW10)
M8 coupling nut torque	0.2 N*m	0.2 N*m
Rated voltage	50V AC/ 60V DC	50V AC/ 60V DC
Rated current	3A	3A
O-ring material	NBR	NBR
Packaging		
Qty/Bag	Not defined	Not defined
Other accessories options		
See accessories section		
Notes:		