
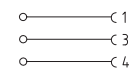
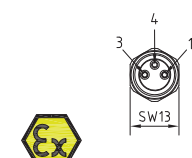
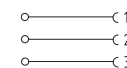
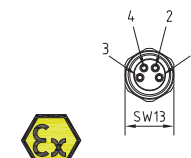
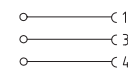
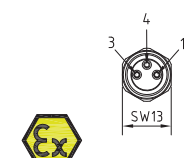
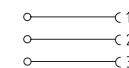
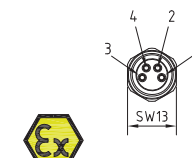


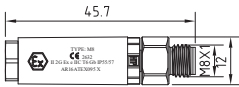


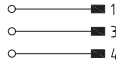
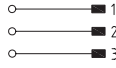
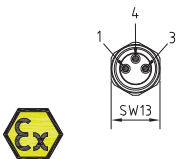
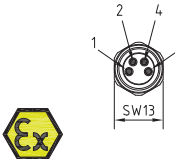
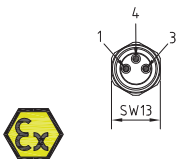
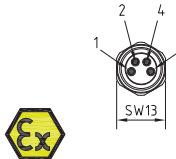
M8 CIRCULAR CONNECTORS A-CODED



Technical drawing										
		 		 		 		 		
Product description										
Connector type	Circular connector field attachable		Circular connector field attachable		Circular connector field attachable		Circular connector field attachable		Circular connector field attachable	
Conforms to	IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57	
Construction type	M8 A -Coding		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	Exagonal SW10		Exagonal SW10		Exagonal SW10		Exagonal 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-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 - 6mm	ø 3.5 - 5mm	ø 3.5 - 6mm	ø 3.5 - 5mm	ø 3.5 - 6mm	ø 3.5 - 5mm	ø 3.5 - 6mm		
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

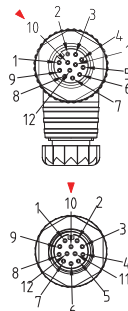
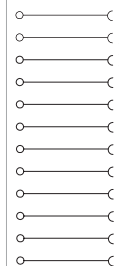
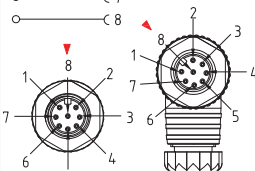
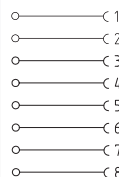
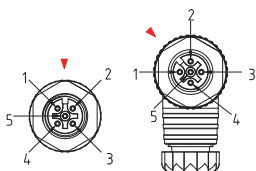
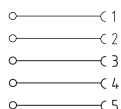
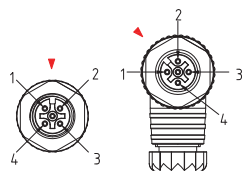
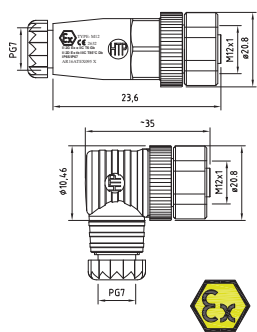


Technical drawing										
										
										
Product description										
Connector type	Circular connector field attachable		Circular connector field attachable		Circular connector field attachable		Circular connector field attachable		Circular connector field attachable	
Conforms to	IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57		IEC 61076-2-104 ATEX: II 2G Ex e IIC T6 Gb IP55/57	
Construction type	M8 A -Coding		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	Exagonal SW10		Exagonal SW10		Exagonal SW10		Exagonal 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-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 - 6mm	ø 3.5 - 5mm	ø 3.5 - 6mm	ø 3.5 - 5mm	ø 3.5 - 6mm	ø 3.5 - 5mm	ø 3.5 - 6mm		
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										

M12 CIRCULAR 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 61076-2-101		IEC 61076-2-101		IEC 61076-2-101		IEC 61076-2-101	
Construction type	M12 A-Coded		M12 A-Coded		M12 A-Coded		M12 A-Coded	
Part number	12FC4000-ATEX	12FB4000-ATEX	12FC5000-ATEX	12FB5000-ATEX	12FC8000-ATEX	12FB8000-ATEX	12FC12000-ATEX	12FB12000-ATEX
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°
Cable gland	PG7 standard		PG7 standard		PG7 standard		PG7 standard	
Description	Circular connector M12 series field attachable,ATEX conform.		Circular connector M12 series field attachable,ATEX conform.		Circular connector M12 series field attachable,ATEX conform.		Circular connector M12 series field attachable,ATEX conform.	
Contacts type	Female		Female		Female		Female	
Number of contacts	4poles		5poles		8poles		12poles	
Housing colour	Black		Black		Black		Black	

Technical data

Type of termination	Screw contacts		Screw contacts		Screw contacts		Solder contacts	
Contact screw torque	0.2 N*m		0.2 N*m		0.2 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	Knurl round		Knurl round		Knurl round		Knurl round	
M12 coupling nut material	Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated	
M12 coupling nut torque	0.4 N*m		0.4 N*m		0.4 N*m		0.4 N*m	
Rated voltage	250V AC/DC		60V AC/DC		30V AC/DC		30V AC/DC	
Rated current	4A		4A		2A		1.5A	
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 4 - 6mm		ø 4 - 6mm		ø 4 - 6mm		ø 4 - 6mm	

Packaging

Qty/Bag	1 pc / 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

M12 CIRCULAR 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 61076-2-101		IEC 61076-2-101		IEC 61076-2-101		IEC 61076-2-101	
Construction type	M12 A-Coded		M12 A-Coded		M12 A-Coded		M12 A-Coded	
Part number	12MC4000-ATEX	12MB4000-ATEX	12MC5000-ATEX	12MB5000-ATEX	12MC8000-ATEX	12MB8000-ATEX	12MC12000-ATEX	12MB12000-ATEX
Housing type	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°	Straight 180°	Angled 90°
Cable gland	PG7 standard		PG7 standard		PG7 standard		PG7 standard	
Description	Circular connector M12 series field attachable,ATEX conform.		Circular connector M12 series field attachable,ATEX conform.		Circular connector M12 series field attachable,ATEX conform.		Circular connector M12 series field attachable,ATEX conform.	
Contacts type	Male		Male		Male		Male	
Number of contacts	4poles		5poles		8poles		12poles	
Housing colour	Black		Black		Black		Black	

Technical data

Type of termination	Screw contacts	Screw contacts	Screw contacts	Solder contacts
Contact screw torque	0.2 N*m	0.2 N*m	0.2 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	Knurl round	Knurl round	Knurl round	Knurl round
M12 coupling nut material	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated	Brass + Nickel plated
M12 coupling nut torque	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m
Rated voltage	250V AC/DC	60V AC/DC	30V AC/DC	30V AC/DC
Rated current	4A	4A	2A	1.5A
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 4 - 6mm	ø 4 - 6mm	ø 4 - 6mm	ø 4 - 6mm

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

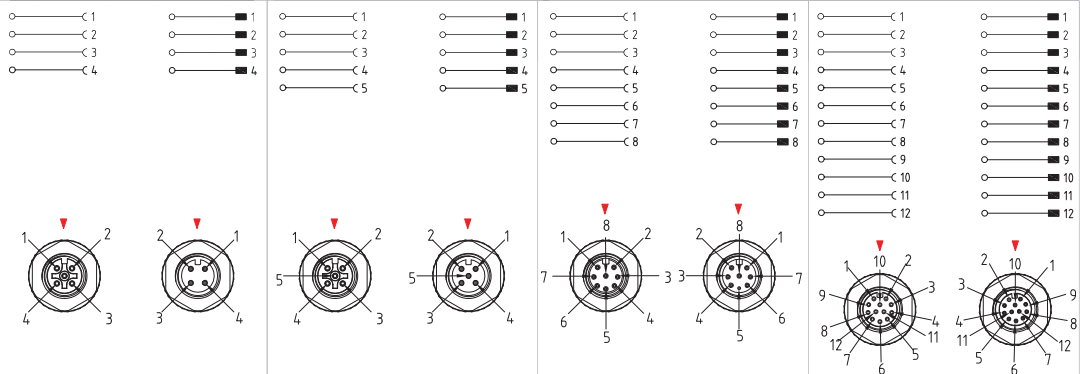
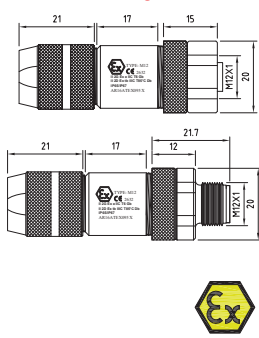
Note:

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

M12 CIRCULAR 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 61076-2-101		IEC 61076-2-101		IEC 61076-2-101		IEC 61076-2-101	
Construction type	M12 A-Coded		M12 A-Coded		M12 A-Coded		M12 A-Coded	
Part number	12F14000-ATEX	12M14000-ATEX	12F15000-ATEX	12M15000-ATEX	12F18000-ATEX	12M18000-ATEX	12F112000-ATEX	12M112000-ATEX
Housing type	Straight 180°		Straight 180°		Straight 180°		Straight 180°	
Cable gland	PG9 standard		PG9 standard		PG9 standard		PG9 standard	
Description	Circular connector M12 series field attachable TOTALLY SHIELDED, ATEX conform.		Circular connector M12 series field attachable TOTALLY SHIELDED, ATEX conform.		Circular connector M12 series field attachable TOTALLY SHIELDED, ATEX conform.		Circular connector M12 series field attachable TOTALLY SHIELDED, ATEX conform.	
Contacts type	Female	Male	Female	Male	Female	Male	Female	Male
Number of contacts	4poles		5poles		8poles		12poles	
Housing colour	Black		Black		Black		Black	

Technical data

Type of termination	Screw contacts		Screw contacts		Screw contacts		Solder contacts	
Contact screw torque	0.2 N*m		0.2 N*m		0.2 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	
M12 coupling nut material	Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated		Brass + Nickel plated	
M12 coupling nut torque	0.4 N*m		0.4 N*m		0.4 N*m		0.4 N*m	
Rated voltage	250V AC/DC		60V AC/DC		30V AC/DC		30V AC/DC	
Rated current	4A		4A		2A		1.5A	
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 4 - 8mm		ø 4 - 8mm		ø 4 - 8mm		ø 4 - 8mm	

Packaging

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

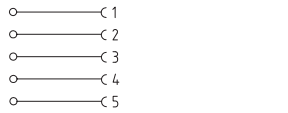
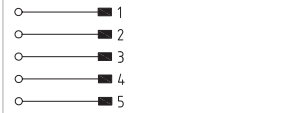
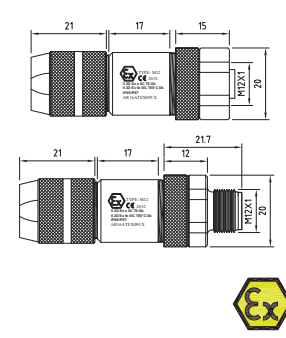
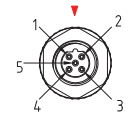
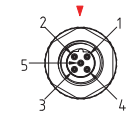
See accessories section

Notes:

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

M12 CIRCULAR CONNECTORS

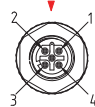
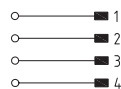
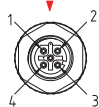
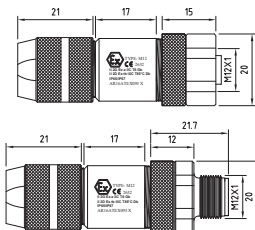


Technical drawing			
			
Product description			
Connector type	Circular connector field attachable	Circular connector field attachable	
Conforms to	IEC 61076-2-101	IEC 61076-2-101	
Construction type	M12 B-Coded	M12 B-Coded	
Part number	B-12F15000-ATEX	B-12M15000-ATEX	
Housing type	Straight 180°	Straight 180°	
Cable gland	PG9 standard	PG9 standard	
Description	Circular connector M12 series B-coded,ATEX conf.,field attachable	Circular connector M12 series B-coded,ATEX conf.,field attachable	
Contacts type	Female	Male	
Number of contacts	5poles	5poles	
Housing colour	Black	Black	
Technical data			
Type of termination	Screw contacts	Screw contacts	
Contact screw torque	0.2 N*m	0.2 N*m	
Housing material	Brass + Nickel plated	Brass + Nickel plated	
Contacts material	Brass + Gold flash	Brass + Gold flash	
Coupling nut type	Knurl round	Knurl round	
M12 coupling nut material	Brass + Nickel plated	Brass + Nickel plated	
M12 coupling nut torque	0.4 N*m	0.4 N*m	
Rated voltage	60V AC/DC	60V AC/DC	
Rated current	4A	4A	
Temperature range	-40°C +90°C	-40°C +90°C	
O-ring material	NBR	NBR	
Suitable cable	ø 4 - 8mm	ø 4 - 8mm	
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			

M12 CIRCULAR CONNECTORS



Technical drawing



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Product description

Connector type	Circular connector field attachable	Circular connector field attachable	
Conforms to	IEC 61076-2-101	IEC 61076-2-101	
Construction type	M12 D-Coded	M12 D-Coded	
Part number	D-12F14000-ATEX	D-12M14000-ATEX	
Housing type	Straight 180°	Straight 180°	
Cable gland	PG9 standard	PG9 standard	
Description	Circular connector M12 series D-coded, ATEX conf., field attachable	Circular connector M12 series D-coded, ATEX conf., field attachable	
Contacts type	Female	Male	
Number of contacts	5poles	5poles	
Housing colour	Black	Black	

Technical data

Type of termination	Screw contacts	Screw contacts	
Contact screw torque	0.2 N*m	0.2 N*m	
Housing material	Brass + Nickel plated	Brass + Nickel plated	
Contacts material	Brass + Gold flash	Brass + Gold flash	
Coupling nut type	Knurl round	Knurl round	
M12 coupling nut material	Brass + Nickel plated	Brass + Nickel plated	
M12 coupling nut torque	0.4 N*m	0.4 N*m	
Rated voltage	250V AC/DC	250V AC/DC	
Rated current	4A	4A	
Temperature range	-40°C +90°C	-40°C +90°C	
O-ring material	NBR	NBR	
Suitable cable	ø 4 - 8mm	ø 4 - 8mm	

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