

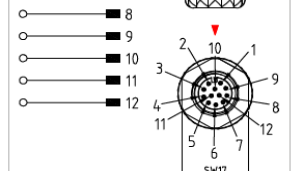
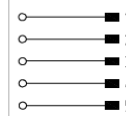
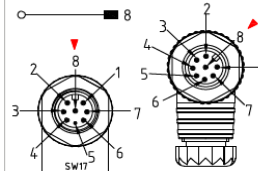
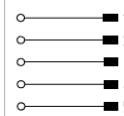
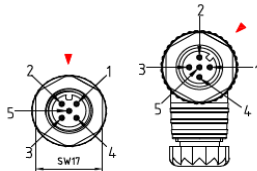
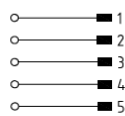
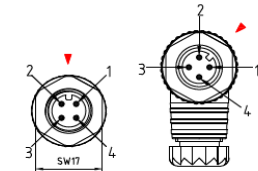
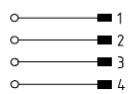
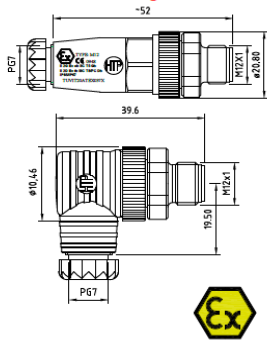
ATEX, M12 MALE CONNECTORS, PLASTIC

M12 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 61076-2-101		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	Hexagonal (SW17)		Hexagonal (SW17)		Hexagonal (SW17)		Hexagonal (SW17)	
M12 coupling nut material	Brass+Nickel plated		Brass+Nickel plated		Brass+Nickel plated		Brass+Nickel plated	
M12 coupling nut torque	0.6 N*m		0.6 N*m		0.6 N*m		0.6 N*m	
Rated voltage	250V AC/DC		125V AC/DC		60V AC/DC		30V AC/DC	
Rated current	4A		4A		2A		1A	
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 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