

M12-A Circular Connector

125/250V 4A

Technical characteristics

	3-pole	4-pole	5-pole
Rated current (40°C)	4A	4A	4A
Rated voltage	250V	250V	125V
Rated impulse voltage	2500V	2500V	1500V
Pollution degree	3	3	3
Overvoltage categorie	II	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	screw M12x1	screw M12x1	screw M12x1
Termination	crimp, moulded	crimp, moulded	crimp, moulded
Wire gauge	0.34mm ² (AWG22)	0.34mm ² (AWG22)	0.25mm ² (AWG24)
Cable outlet	-	-	-
Degree of protection	IP67	IP67	IP67
Mechanical operation	> 100	> 100	> 100
Limiting temperature	-25°C ...+85°C	-25°C ...+85°C	-25°C ...+85°C
Material group	II	II	II
Material of contact	copper alloy	copper alloy	copper alloy
Contact plating	Au	Au	Au
Insulating material	PA	PA	PA
Material of housing	TPU	TPU	TPU

Angled cable connectors, cable

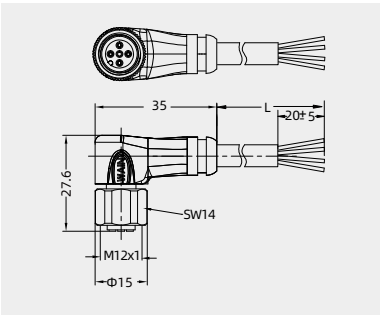
Female angled connector moulded,
Stainless steel ring nut, screw



A- Code



Contacts	Cable	Cable length	Designation	Order No.
3	3x0.34PUR	1.5 m	M12S-F03A-S-1.5-PUR	163 003 502 4241
		5.0 m	M12S-F03A-S-5.0-PUR	163 003 502 4242
4	4x0.34PUR	1.5 m	M12S-F04A-S-1.5-PUR	163 004 502 4241
		5.0 m	M12S-F04A-S-5.0-PUR	163 004 502 4242
5	5x0.25PUR	1.5 m	M12S-F05A-S-1.5-PUR	163 005 502 4241
		5.0 m	M12S-F05A-S-5.0-PUR	163 005 502 4242



•Further cable length upon request.