

M12-A Circular Connector

60/125/250V 2/4A

Technical characteristics

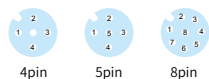
	4-pole	5-pole	8-pole
Rated current (40°C)	4A	4A	2A
Rated voltage	250(125)V	125V	60V
Rated impulse voltage	2500V	1500V	800V
Pollution degree	3	3	3
Overvoltage categorie	II	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	screw M12x1	screw M12x1	screw M12x1
Termination	screw/solder	screw/solder	screw/solder
Wire gauge	max.0.75mm ² (max.AWG18)	max.0.75mm ² (max.AWG18)	max.0.5mm ² (max.AWG20)
Cable outlet	-	-	-
Degree of protection	IP67	IP67	IP67
Mechanical operation	> 100	> 100	> 100
Limiting temperature	-40°C ...+85°C	-40°C ...+85°C	-40°C ...+85°C
Material group	III	III	III
Material of contact	copper alloy	copper alloy	copper alloy
Contact plating	Au	Au	Au
Insulating material	PA	PA	PA
Material of housing	PA/PBT	PA/PBT	PA/PBT

Straight cable duo connectors

Female cable connector,
plastic locking system,
screw clamp connection

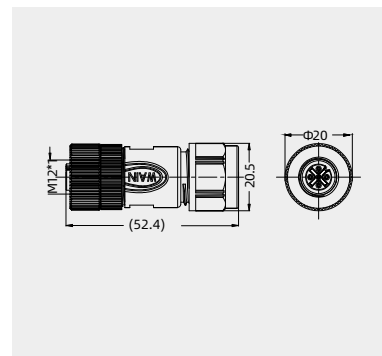


A-Code



4pin 5pin 8pin

Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12P-F04A-T-2D5	163 004 421 3104
5	2(2.1-3 mm or 4-5 mm)	M12P-F05A-T-2D5	163 005 421 3104
8	2(2.1-3 mm or 4-5 mm)	M12P-F08A-T-2D5	163 008 424 3001



M12-A

Female cable connector,
plastic locking system, solder

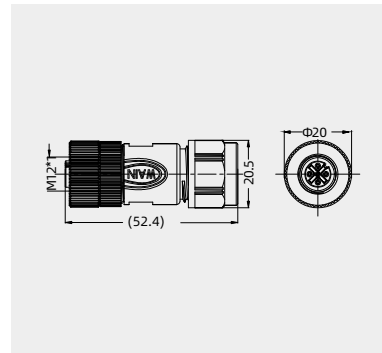


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4pin 5pin 8pin

Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12P-FST04A-T-2D5	163 004 423 3505
5	2(2.1-3 mm or 4-5 mm)	M12P-FST05A-T-2D5	163 005 423 3505
8	2(2.1-3 mm or 4-5 mm)	M12P-FST08A-T-2D5	163 008 423 3506



Hexagonal driver



Description	Designation	Order No.
for 8 pin screw clamp connection	SW-1.27*47	198 001 003 0016