

M12-B Circular Connector

125/250V 4A

Technical characteristics

	4-pole	5-pole
Rated current(40°C)	4A	4A
Rated voltage	250V	125V
Rated impulse voltage	2500V	1500V
Pollution degree	3	3
Overvoltage categorie	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	screw M12x1	screw M12x1
Termination	screw	screw
Wire gauge	max.0.75mm ² (max.AWG18)	max.0.75mm ² (max.AWG18)
Cable outlet	4-6,6-8 mm	4-6,6-8 mm
Degree of protection	IP67	IP67
Mechanical operation	> 100	> 100
Limiting temperature	-40°C ...+85°C	-40°C ...+85°C
Material group	II	II
Material of contact	copper alloy	copper alloy
Contact plating	Au	Au
Insulating material	PA	PA
Material of housing	PA/PBT	PA/PBT

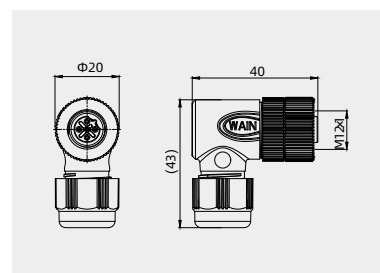
Angled cable connectors

Female cable connector,
plastic locking system,
screw clamp connection

B-Code



Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12P-F04B-S-D6	163 004 521 3105
	6-8 mm	M12P-F04B-S-D8	163 004 521 3106
5	4-6 mm	M12P-F05B-S-D6	163 005 521 3103
	6-8 mm	M12P-F05B-S-D8	163 005 521 3104

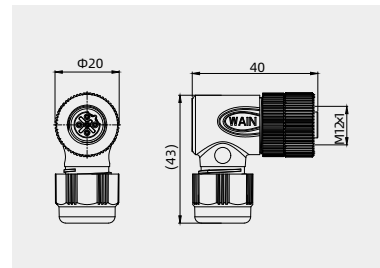


Female cable connector,
metal locking system,
screw clamp connection

B-Code



Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12-F04B-S-D6	163 004 521 1001
	6-8 mm	M12-F04B-S-D8	163 004 521 1002
5	4-6 mm	M12-F05B-S-D6	163 005 521 1001
	6-8 mm	M12-F05B-S-D8	163 005 521 1002

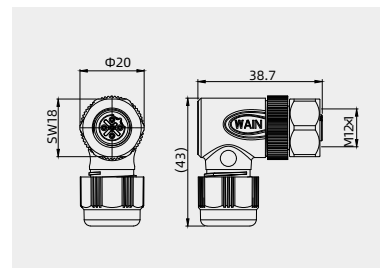


Female cable connector,
stainless steel locking system,
screw clamp connection,

B-Code



Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12S-F04B-S-D6	163 004 521 1003
	6-8 mm	M12S-F04B-S-D8	163 004 521 1004
5	4-6 mm	M12S-F05B-S-D6	163 005 521 1004
	6-8 mm	M12S-F05B-S-D8	163 005 521 1005



M12-B