

M12-B Circular Connector

125/250V 4A

Technical characteristics

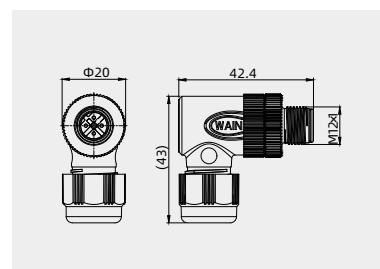
	4-pole	5-pole
Rated current(40°C)	4A	4A
Rated voltage	250V	125V
Rated impulse voltage	2500V	1500V
Pollution degree	3	3
Overvoltage categorie	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	screw M12x1	screw M12x1
Termination	screw	screw
Wire gauge	max.0.75mm ² (max.AWG18)	max.0.75mm 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

Male cable connector, plastic locking system, screw clamp connection



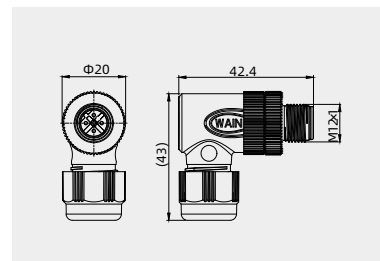
Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12P-M04B-S-D6	163 004 511 3105
	6-8 mm	M12P-M04B-S-D8	163 004 511 3106
5	4-6 mm	M12P-M05B-S-D6	163 005 511 3105
	6-8 mm	M12P-M05B-S-D8	163 005 511 3106



Male angled connector, metal locking system, screw clamp connection



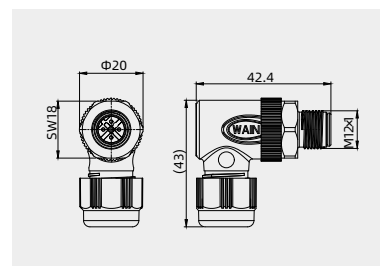
Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12-M04B-S-D6	163 004 511 1001
	6-8 mm	M12-M04B-S-D8	163 004 511 1002
5	4-6 mm	M12-M05B-S-D6	163 005 511 1001
	6-8 mm	M12-M05B-S-D8	163 005 511 1002



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



Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12S-M04B-S-D6	163 004 511 1003
	6-8 mm	M12S-M04B-S-D8	163 004 511 1004
5	4-6 mm	M12S-M05B-S-D6	163 005 511 1004
	6-8 mm	M12S-M05B-S-D8	163 005 511 1005



M12-B