

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	III	III
Material of contact	copper alloy	copper alloy
Contact plating	Au	Au
Insulating material	PA	PA
Material of housing	PA/PBT	PA/PBT

Straight cable connectors

Male cable connector, plastic locking system, screw clamp connection

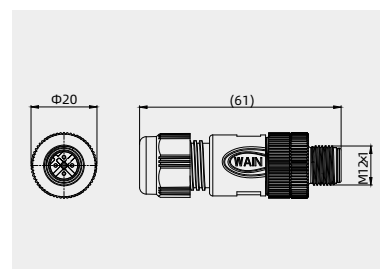


B-Code



4pin 5pin

Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12P-M04B-T-D6	163 004 411 3105
	6-8 mm	M12P-M04B-T-D8	163 004 411 3106
5	4-6 mm	M12P-M05B-T-D6	163 005 411 3105
	6-8 mm	M12P-M05B-T-D8	163 005 411 3106



Male cable connector, metal locking system, screw clamp connection

Recommended use

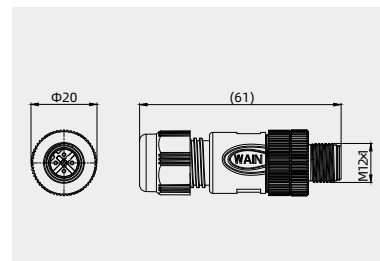


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4pin 5pin

Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12-M04B-T-D6	163 004 411 1001
	6-8 mm	M12-M04B-T-D8	163 004 411 1002
5	4-6 mm	M12-M05B-T-D6	163 005 411 1001
	6-8 mm	M12-M05B-T-D8	163 105 411 3002



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

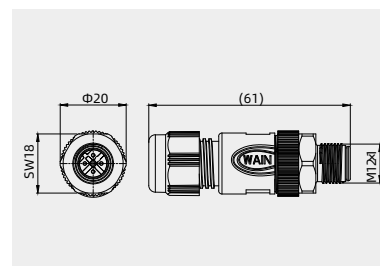


B-Code



4pin 5pin

Contacts	Cable outlet	Designation	Order No.
4	4-6 mm	M12S-M04B-T-D6	163 004 411 1003
	6-8 mm	M12S-M04B-T-D8	163 004 411 1004
5	4-6 mm	M12S-M05B-T-D6	163 005 411 1003
	6-8 mm	M12S-M05B-T-D8	163 005 411 1004



M12-B