

M12-B Circular Connector

125/250V 2/8A

Technical characteristics

	4-pole	5-pole
Rated current(40°C)	4A	Contacts:1-4 8A; Contacts:5 2A
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	solde terminal	screw terminal/solde terminal
Wire gauge	max.0.75mm ² (max.AWG18)	max.0.75mm ² (max.AWG18)
Cable outlet	8-10mm	8-10mm
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/zinc alloy/copper alloy	PA/PBT/zinc alloy/copper alloy

Straight cable connectors

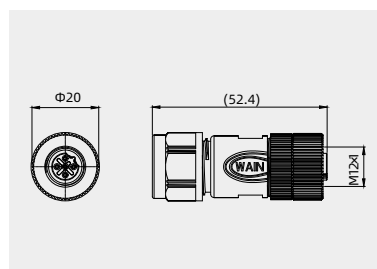
Female cable connector,
plastic locking system,
screw clamp connection

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12P-F05B-T-D10	163 005 421 3108

B-Code



5pin



Female cable connector,
metal locking system,
screw clamp connection

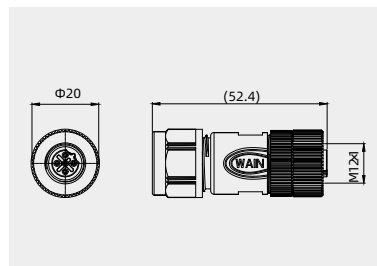
Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-F05B-T-D10	163 005 421 1002

Recommended use

B-Code



5pin



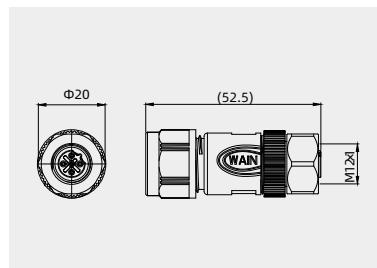
Female cable connector,
stainless steel locking system,
screw clamp connection

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12S-F05B-T-D10	163 005 421 1005

B-Code



5pin



Female cable connector,
stainless steel locking system,
solde terminal

Contacts	Cable outlet	Designation	Order No.
4	8-10 mm	M12-FST04B-T-D10	163 004 423 3516
5	8-10 mm	M12-FST05B-T-D10	163 005 423 3516

B-Code



4pin



5pin

