

M12-B Circular Connector

125/250V 2/8A

Technical characteristics

	5-pole
Rated current(40°C)	Contacts:1-4 8A; Contacts:5 2A
Rated voltage	125V
Rated impulse voltage	1500V
Pollution degree	3
Overvoltage categorie	II
Contact resistance	≤ 10 mΩ
Connector locking system	screw M12x1
Termination	screw
Wire gauge	max.1.5mm ² (max.AWG16)
Cable outlet	8-10mm
Degree of protection	IP67
Mechanical operation	> 100
Limiting temperature	-40°C ...+85°C
Material group	II
Material of contact	copper alloy
Contact plating	Au
Insulating material	PA
Material of housing	PA/PBT

Angled cable connectors

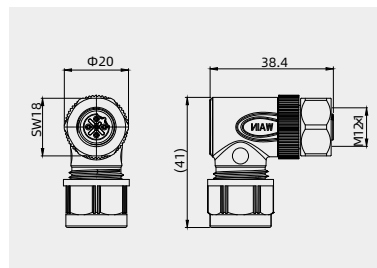
Female cable connector,
plastic locking system,
screw clamp connection

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12P-F05B-S-D10	163 005 521 3105

B-Code



5pin



Female cable connector,
metal locking system,
screw clamp connection

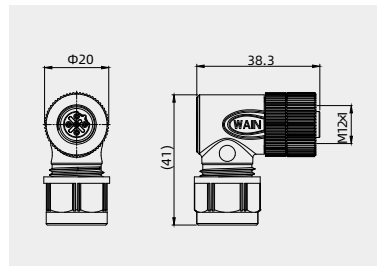
Recommended use

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-F05B-S-D10	163 005 521 1003

B-Code



5pin



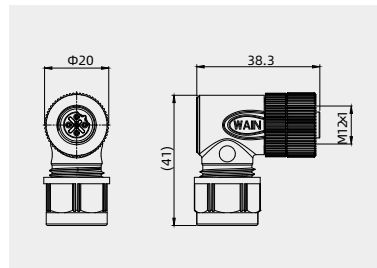
Female cable connector,
stainless steel locking system,
screw clamp connection,

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12S-F05B-S-D10	163 005 521 1006

B-Code



5pin



M12-B