

M12-B Circular Connector

125/250V 2/8A

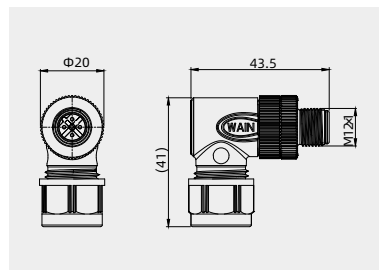
Technical characteristics

	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

Male cable connector, plastic locking system, screw clamp connection

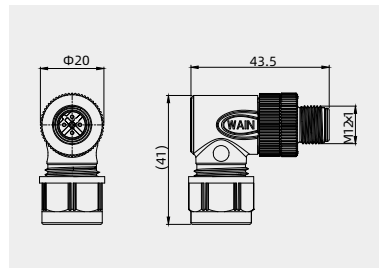
Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12P-M05B-S-D10	163 005 511 3107



Male cable connector, metal locking system, screw clamp connection

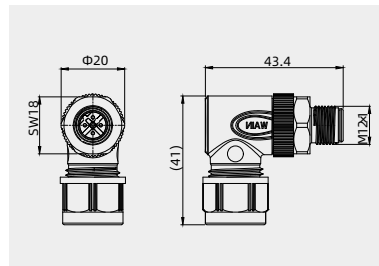
Recommended use

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12-M05B-S-D10	163 005 511 1003



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

Contacts	Cable outlet	Designation	Order No.
5	8-10 mm	M12S-M05B-S-D10	163 005 511 1006



M12-B