

M12-A Circular Connector

125/250V 4A

Technical characteristics

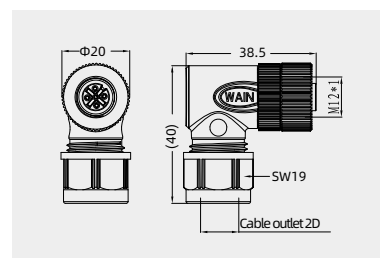
	4-pole	5-pole
Rated current (40°C)	4A	4A
Rated voltage	250V	125V
Rated impulse voltage	2500V	1500V
Pollution degree	3	3
Overvoltage categorie	II	II
Contact resistance	≤ 10 mΩ	≤ 10 mΩ
Connector locking system	screw M12x1	screw M12x1
Termination	screw/solder	screw/solder
Wire gauge	max.0.75mm ² (max.AWG18)	max.0.75mm ² (max.AWG18)
Cable outlet	2.1-3,4-5 mm	2.1-3,4-5 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 duo connectors

Female angled duo connector,
plastic locking system,
screw clamp connection



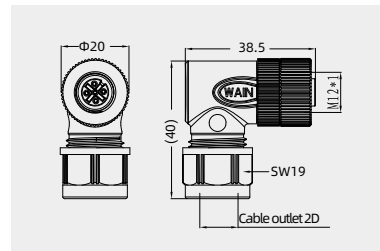
Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12P-F04A-S-2D5	163 004 502 3001
5	2(2.1-3 mm or 4-5 mm)	M12P-F05A-S-2D5	163 005 502 3001



Female angled duo connector,
plastic locking system, solder



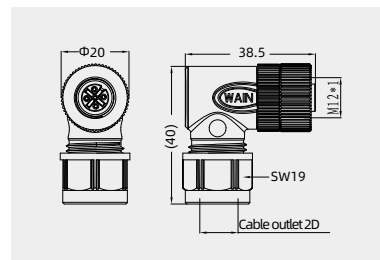
Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12P-FST04A-S-2D5	163 004 523 3506
5	2(2.1-3 mm or 4-5 mm)	M12P-FST05A-S-2D5	163 005 523 3506



Female angled duo connector,
metal locking system,
screw clamp connection



Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12-F04A-S-2D5	163 004 502 1001
5	2(2.1-3 mm or 4-5 mm)	M12-F05A-S-2D5	163 005 502 1001



Female angled duo connector,
metal locking system, solder



Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12-FST04A-S-2D5	163 004 523 3507
5	2(2.1-3 mm or 4-5 mm)	M12-FST05A-S-2D5	163 005 523 3507

