

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

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



A-Code



Male angled duo connector,
plastic locking system, solder



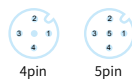
A-Code



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



A-Code



Male angled duo connector,
metal locking system, solder



A-Code

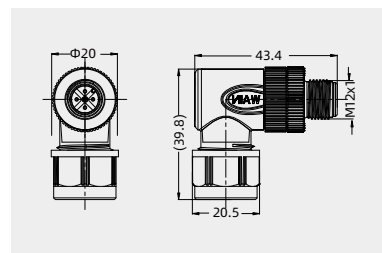
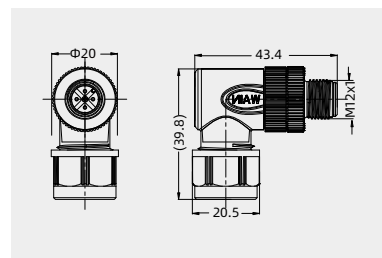
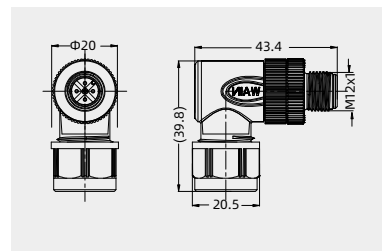
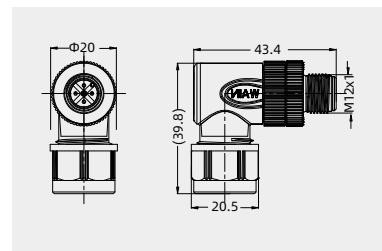


Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12P-M04A-S-2D5	163 004 511 3104
5	2(2.1-3 mm or 4-5 mm)	M12P-M05A-S-2D5	163 005 511 3104

Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12P-MST04A-S-2D5	163 004 513 3506
5	2(2.1-3 mm or 4-5 mm)	M12P-MST05A-S-2D5	163 005 513 3506

Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12-M04A-S-2D5	163 004 511 3004
5	2(2.1-3 mm or 4-5 mm)	M12-M05A-S-2D5	163 005 511 3004

Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12-MST04A-S-2D5	1630045133507
5	2(2.1-3 mm or 4-5 mm)	M12-MST05A-S-2D5	1630055133507



M12-A