

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



Male angled duo connector,
plastic locking system, solder



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



Male angled duo connector,
metal locking system, solder

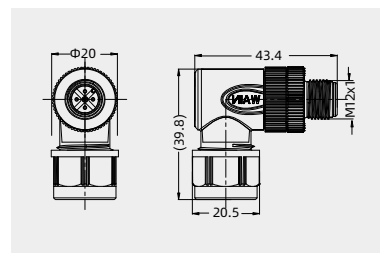
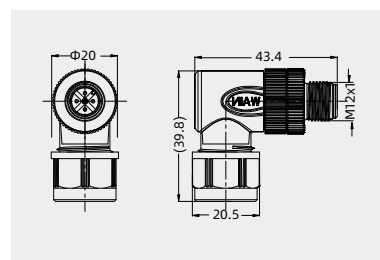
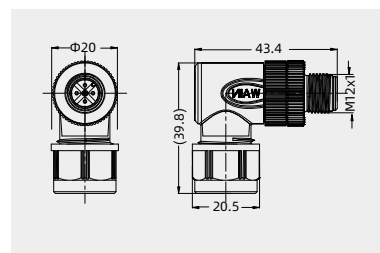
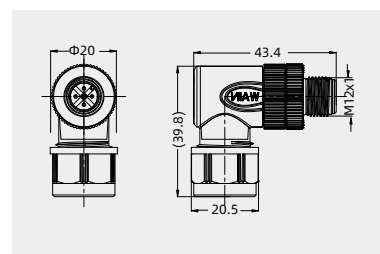


Contacts	Cable outlet	Designation	Order No.
4	2(2.1-3 mm or 4-5 mm)	M12P-M04A-S-2D5	163 004 511 3104
5	2(2.1-3 mm or 4-5 mm)	M12P-M05A-S-2D5	163 005 511 3104

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



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