

M12-S Circular Connector

630V 12A

Technical characteristics

Number of contacts	4-pole
Rated current (40°C)	12A
Rated voltage	630V
Rated impulse voltage	6kV
Pollution degree	3
Contact resistance	≤ 3 mΩ
Connector locking system	screw M12x1
Termination	crimp
Wire gauge	max.1.5mm ² (max.AWG16)
Cable outlet	4-6,6-8 mm
Degree of protection	IP67
Mechanical operation	≥ 500
Limiting temperature	-25°C ...+85°C
Material group	III
Material of contact	copper alloy
Contact plating	Au
Insulating material	PA
Material of housing	PA/PBT

Straight cable connectors

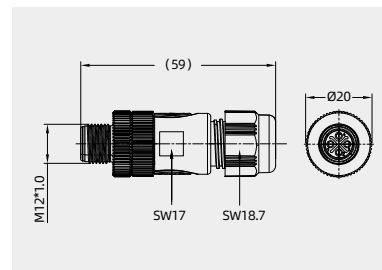
Male cable connector

crimp terminal,

Order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
4(3+PE)	4-6 mm	M12-MC04S-T-D6	163 004 410 3501
	6-8 mm	M12-MC04S-T-D8	163 004 410 3500



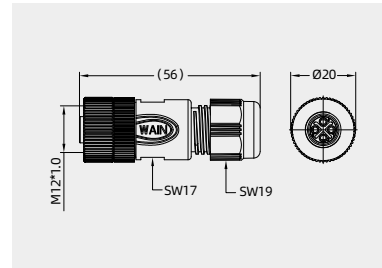
Female cable connector

crimp terminal,

Order crimp contacts separately



Contacts	Cable outlet	Designation	Order No.
4(3+PE)	4-6 mm	M12-FC04S-T-D6	163 004 420 3501
	6-8 mm	M12-FC04S-T-D8	163 004 420 3500

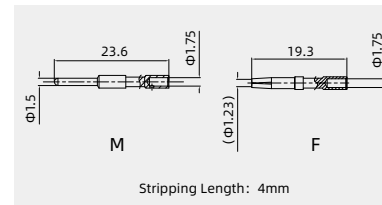


Crimp contacts

Crimp contacts 12A

Contact resistance ≤ 3mΩ
gold plated

Wire gauge(mm ²)	Male	Order No.
0.75-1.5	M12-MC12G-1.5	101 036 210 0950
Wire gauge(mm ²)	Female	Order No.
0.75-1.5	M12-FC12G-1.5	101 036 220 0950



Tools

Crimping tool



Wire gauge	Designation	Order No.
0.14-4 mm ²	TL28-2	198 001 001 0039

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.