

M12-A Circular Connector

125V 4A

Technical characteristics

	5-pole
Rated current (40°C)	4A
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.0.75mm ² (max.AWG18)
Cable outlet	4-6,6-8mm
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	zinc diecasting nickel plated, brass nickel plated

Straight cable connectors, shielded

Male cable connector,

Crimp terminal ,with shielding ring

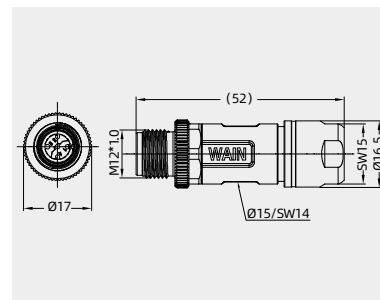
Order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
5	6-8 mm	M12-MC05A-T-D8-SH	163 005 410 2500

A-Code



5pin



Male cable connector,

Crimp terminal ,with shielding ring

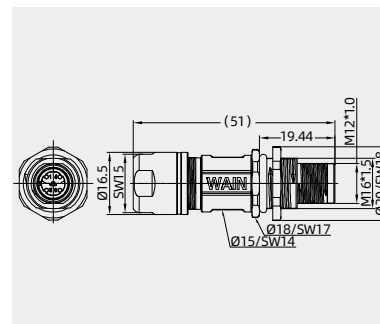
Order crimp contacts separately

Contacts	Cable outlet	Designation	Order No.
5	6-8 mm	M12-MC05A-CCT/R-M16-D8-SH	163 005 710 2001

A-Code



5pin



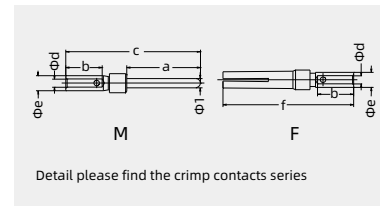
Crimp contacts

Crimp contacts 5A

Contact resistance ≤ 3mΩ
gold plated



Wire gauge(mm ²)	Male	Order No.	Female	Order No.
0.09-0.25	CSGM-0.25	101 014 210 0101	CSGF-0.25	101 014 220 0101
0.13-0.33	CSGM-0.33	101 014 210 0201	CSGF-0.33	101 014 220 0201
0.33-0.52	CSGM-0.52	101 014 210 0501	CSGF-0.52	101 014 220 0501
0.52-0.82	CSGM-0.82	101 014 210 0701	CSGF-0.82	101 014 220 0701



Detail please find the crimp contacts series

Tools

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.82mm ²	TL03	198 001 001 0002

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