

## M12-X Circular Connector

50V/60V 0.5A

## Technical characteristics

Number of contacts	8
Rated current (40°C)	0.5A
Rated voltage	50V a.c / 60V d.c
Rated impulse voltage	0.8kV
Pollution degree	3
Contact resistance	$\leq 10 \text{ m}\Omega$
Insulation resistance	$\geq 10 \text{ m}\Omega$
Connector locking system	screw M12x1
Wire gauge	0.14mm <sup>2</sup> (AWG 26)
Degree of protection	IP67
Mechanical operation	$\geq 100$
Limiting temperature	-40°C ... +85°C
Material of contact	copper alloy
Contact plating	Au
Insulating material	PA
Material of housing	zinc diecasting nickel plated

## Straight cable connectors

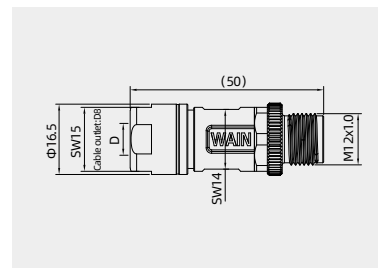
## Male cable connector, Cat.6a

Order crimp contacts separately

X-Code



Contacts	Cable outlet	Designation	Order No.
8	6-8mm	M12-MC08X-T-D8-SH	163 008 010 2001



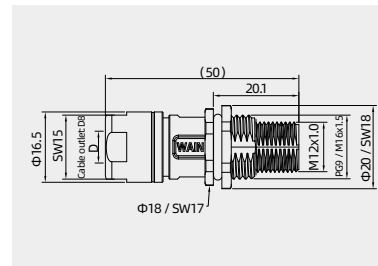
## Male cable connector, Cat.6a

Order crimp contacts separately

X-Code



Contacts	Cable outlet	Designation	Order No.
8	6-8mm	M12-MC08X-CCT/R-M16-D8-SH	163 008 710 2001

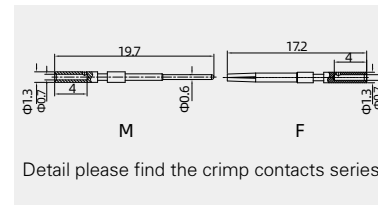


## Crimp contacts

## Crimp contacts 5A

Contact resistance  $\leq 3 \text{ m}\Omega$   
gold plated

Wire gauge(mm <sup>2</sup> )	Male	Order No.
0.09-0.25	M12-MC0.5G-0.25	101 038 210 0101
Wire gauge(mm <sup>2</sup> )	Female	Order No.
0.09-0.25	M12-FC0.5G-0.25	101 038 220 0101



## Tools

Crimping tool



Wire gauge	Designation	Order No.
0.09-0.25mm <sup>2</sup>	TL27	198 001 001 0037

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