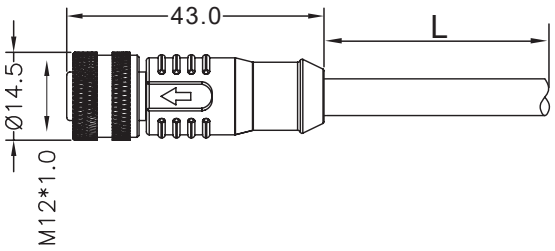
M12 Circular connectors

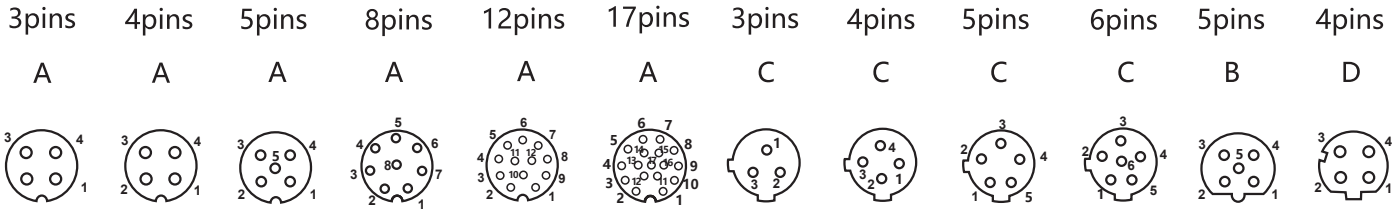
Female cable (with shield)

Product figure

Scale diagram



Contact layout (Front view)



Order Data

Contacts	Coding	Order No
3pins	A	M12A03/FB4/BN/OE
	C	M12C03/FB4/BN/OE
4pins	A	M12A04/FB4/BN/OE
	C	M12C04/FB4/BN/OE
	D	M12C04/FB4/BN/OE
5pins	A	M12A05/FB4/BN/OE
	B	M12B05/FB4/BN/OE
	C	M12C05/FB4/BN/OE
6pins	C	M12C06/FB4/BN/OE
8pins	A	M12A08/FB4/BN/OE
12pins	A	M12A12/FB4/BN/OE
17pins	A	M12A17/FB4/BN/OE

Specifications

Number of contacts	3	4	5	8	12	17
Termination	moulded on cable					
Wire gauge	0.14/0.25/0.34/0.5mm² / (26/24/22/20 AWG)					
Operating temperature	-25°C~+80°C					
Mechanical operation	> 100 mating cycles					
Rated voltage	250V		60V	30V		
Rated current (40℃)	4A			2A	1.5A	
Protection degree	IP67/IP68					
Contact resistance	< 10mΩ					
Insulation resistance	≥100MΩ					
Pin contact	CuZn					
Socket contact	CuSn					
Contact plating	Au					