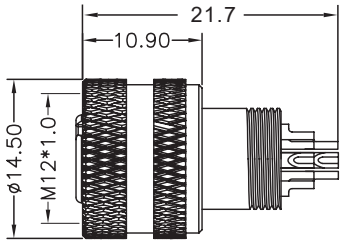
Female connector for over-molding

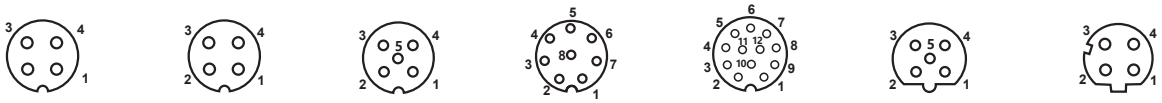
Product figure

Scale diagram



Contact layout (Front view)

3pins	4pins	5pins	8pins	12pins	5pins	4pins
A	A	A	A	A	B	D



Order Data

Contacts	Coding	Order No
2pins	A	M12A02/FB2/BN/SC
3pins	A	M12A03/FB2/BN/SC
4pins	A	M12A04/FB2/BN/SC
	D	M12D04/FB2/BN/SC
5pins	A	M12A05/FB2/BN/SC
	B	M12B05/FB2/BN/SC
8pins	A	M12A08/FB2/BN/SC
12pins	A	M12A12/FB2/BN/SC

Specifications

Number of contacts	3	4	5	8	12
Termination	solder				
Wire gauge	0.14/0.25/0.34/0.5mm² / (26/24/22/20 AWG)				
Operating temperature	-25°C~+85°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				