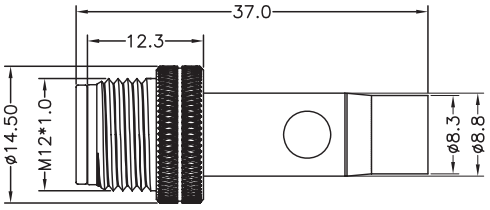
Male connector for over-molding

Product figure (with shield)

Scale diagram



Contact layout (Front view)

3pins	4pins	5pins	6pins
C	C	C	C

Order Data

Contacts	Coding	Order No
3pins	C	M12C03/MB3/BN/SC
4pins	C	M12C04/MB3/BN/SC
5pins	C	M12C05/MB3/BN/SC
6pins	C	M12C06/MB3/BN/SC

Specifications

Number of contacts	3	4	5	6
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	
Protection degree	IP67			
Contact resistance	< 10mΩ			
Insulation resistance	≥100MΩ			
Pin contact	CuZn			
Socket contact	CuSn			
Contact plating	Au			