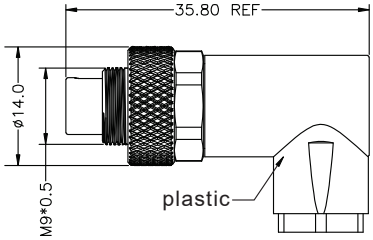
M9 Circular connectors

Male assembly connector

Product figure

Scale diagram



Contact layout (Front view)

2pins

3pins

4pins

5pins

7pins

8pins

Order data

Contacts	Order No
2pins	M09Z02/MFA/BN/SC
3pins	M09Z03/MFA/BN/SC
4pins	M09Z04/MFA/BN/SC
5pins	M09Z05/MFA/BN/SC
7pins	M09Z07/MFA/BN/SC
8pins	M09Z08/MFA/BN/SC

Specification

Number of contacts	2	3	4	5	7	8
Termination	solder					
Wire gauge	0.25mm² / 24 AWG				0.14mm² / 26 AWG	
Cable OD	3~4.5mm					
Operating temperature	-25°C~+85°C					
Mechanical operation	> 100 mating cycles					
Rated voltage	125V					
Rated current (40℃)	4A		3A		1A	
Protection degree	IP67/IP68					
Contact resistance	< 3mΩ					
Insulation resistance	≥100MΩ					
Pin contact	CuZn					
Socket contact	CuSn					
Contact plating	Au					