

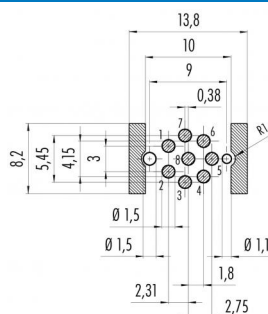
Product description M12-A integrated plug, Contacts: 8, shieldable, reflow soldering, IP67, for SMT

Area M12-A series 713
Order number 09 0381 601 08

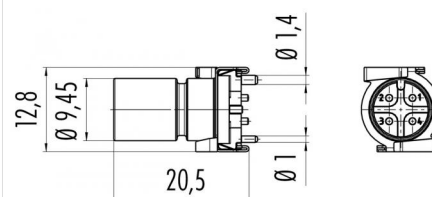
Illustration



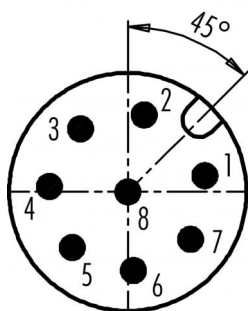
Conductor layout



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General values

Connector design	integrated plug
Connector locking system	screw
Termination	reflow soldering
Upper limit temperature	85 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

Electrical values

Rated current (40 °C)	1.5 A
Rated voltage	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Insulating material group	III
Insulation resistance	> 10 ⁸ Ω
EMC compliance	shieldable
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

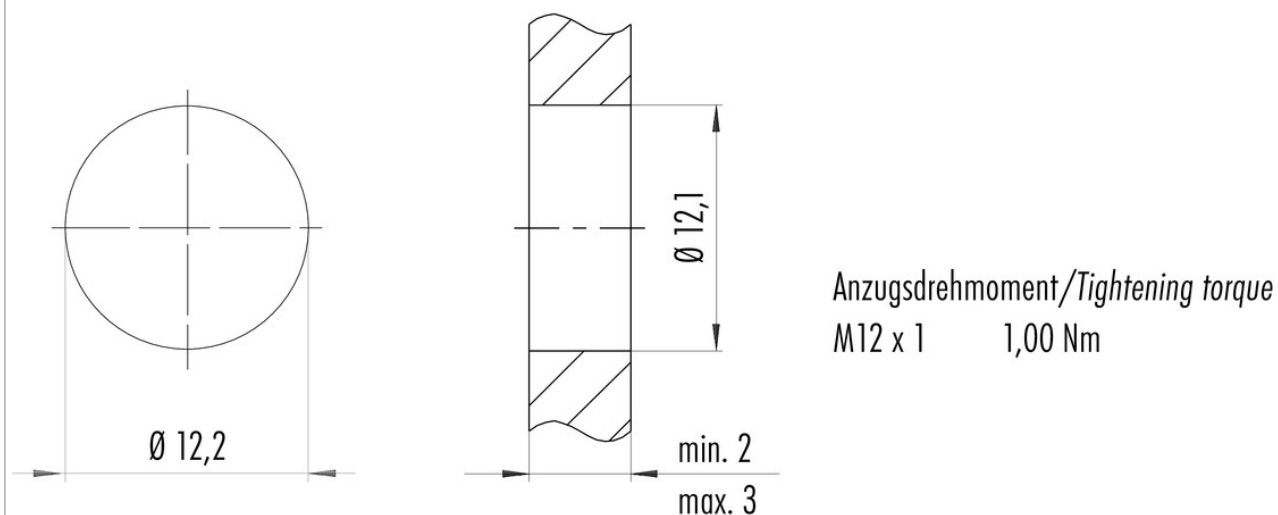
Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	LCP
REACH SVHC	CAS 7439-92-1 (Lead)

Product description M12-A integrated plug, Contacts: 8, shieldable, reflow soldering, IP67, for SMT

Area M12-A series 713
Order number 09 0381 601 08

Assembly instructions / Panel cut-out



Product description	M12-A integrated plug, Contacts: 8, shieldable, reflow soldering, IP67, for SMT
Area	M12-A series 713
Order number	09 0381 601 08

Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.