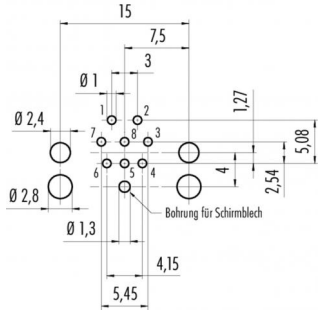
Product data sheet

Automation technology - sensors and actuators

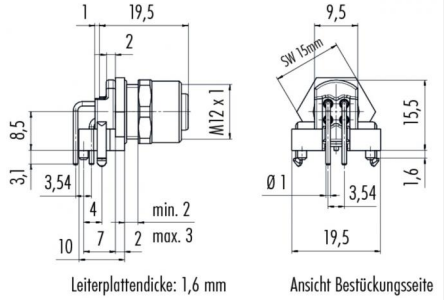
Product description	**M12-A integrated socket, Contacts: 8, not shielded, dip-solder, IP68, UL**
Area	**M12-A series 713**
Order number	**99 3482 202 08**

Illustration

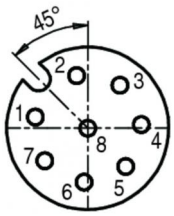
Conductor layout



Scale drawing



Contact arrangement



	X	Y
1	–2,69	0,57
2	–0,57	2,69
3	1,66	2,20
4	2,75	0,19
5	1,94	–1,94
6	–0,19	–2,75
7	–2,20	–1,66
8	0,00	0,00

You can find the assembly instructions on the next page.

Technical data

General values

Connector design	integrated socket
Connector locking system	screw
Termination	dip-solder
Upper limit temperature	85 °C
Lower limit temperature	– 40 °C
Customs tariff number	85369010
Packaging Unit	10

Cable data

Approval 1	UL

Electrical values

Rated current (40 °C)	1.5 A (2 A UL)
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	not shielded
Degree of protection	IP68
Mechanical operation	> 100 Mating cycles

Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	CuZn (Brass nickel plated)

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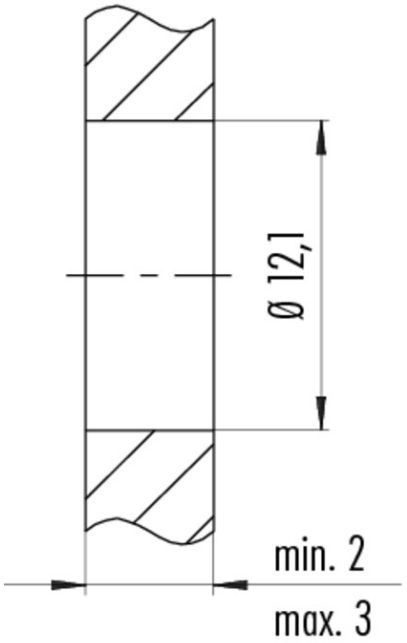
Assembly instructions / Panel cut-out



Anzugsdrehmoment/*Tightening torque*
M12 x 1 6,25 Nm

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Security notices

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.
Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.