

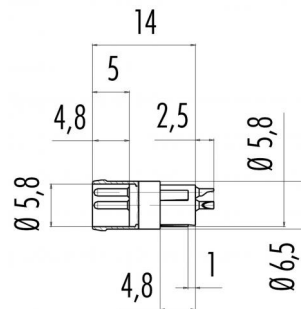
Product description **M8 integrated plug, Contacts: 4, not shielded, dip-solder, IP67**

Area **M8 series 718**
Order number **86 6819 0002 00704**

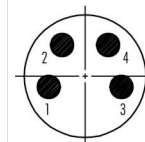
Illustration



Scale drawing



Contact arrangement (Plug-in side)



	X	Y
1	-1,70	-0,50
2	-1,08	1,45
3	1,70	-0,50
4	1,08	1,45

- 1 brown
- 2 white
- 3 blue
- 4 black

You can find the assembly instructions on the next page.

Technical data

General values

Connector design	integrated plug
Connector locking system	screw
Termination	dip-solder
Wire gauge (mm)	0.25 mm ²
Wire gauge (AWG)	24
Upper limit temperature	85 °C
Lower limit temperature	- 25 °C
Customs tariff number	85369010
Packaging Unit	100

Electrical values

Rated current (40 °C)	4 A
Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PA
Housing material	CuZn (Brass nickel plated)
REACH SVHC	CAS 7439-92-1 (Lead)

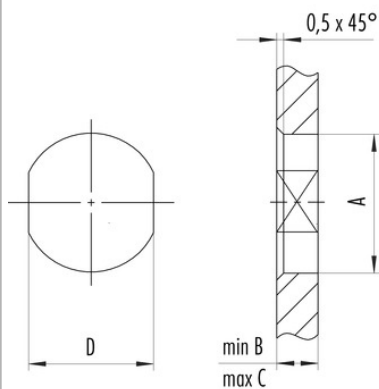
Product description **M8 integrated plug, Contacts: 4, not shielded, dip-solder, IP67**

Area **M8 series 718**
Order number **86 6819 0002 00704**

Assembly instructions / Panel cut-out

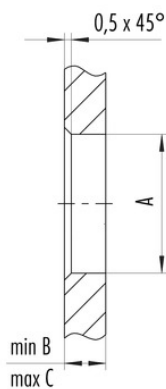
1. Einbauvorschlag

Mit Fläche als Verdrehschutz



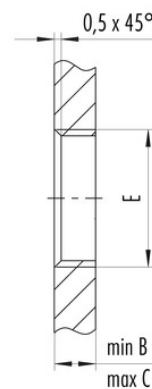
2. Einbauvorschlag

Mit Durchgangsbohrung



3. Einbauvorschlag

Mit Gewinde, einschraubbar



Gewinde E	A	B	C	D
M8 x 0,5	8,1	2,5	3,5	7,1
M8 x 1	8,1	2,5	3,5	7,1
M10 x 0,75	10,1	2,5	5,0	9,1

Anzugsdrehmoment 1 Nm

Product description	M8 integrated plug, Contacts: 4, not shielded, dip-solder, IP67
---------------------	--

Area	M8 series 718
------	----------------------

Order number	86 6819 0002 00704
--------------	---------------------------

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.