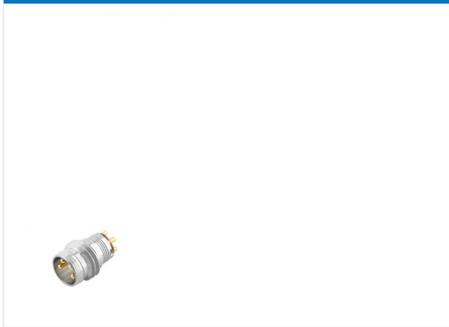
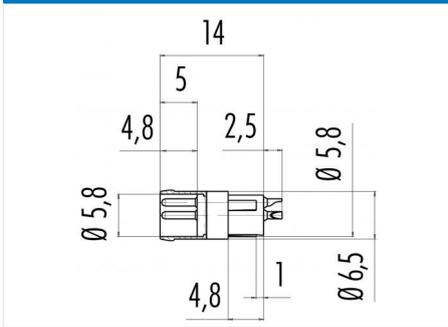


|                     |  |
|---------------------|--|
| Product description | <b>M8 integrated plug, Contacts: 4, not shielded, dip-solder, IP67</b> |
| Area                | <b>M8 series 718</b>   |
| Order number        | <b>86 6819 0002 00704</b>  |

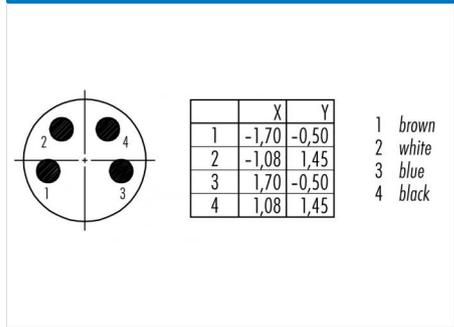
**Illustration**



**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              | dip-solder           |
| Wire gauge (mm)          | 0.25 mm <sup>2</sup> |
| 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)       |

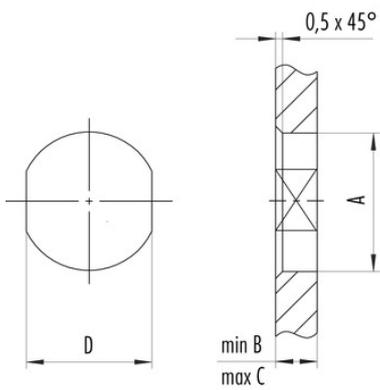
Product description **M8 integrated plug, Contacts: 4, not shielded, dip-solder, IP67**

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

Assembly instructions / Panel cut-out

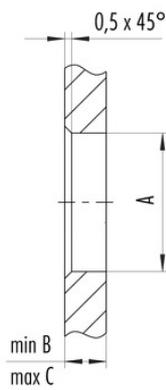
1. Einbauvorschlag

Mit Fläche als Verdrehschutz



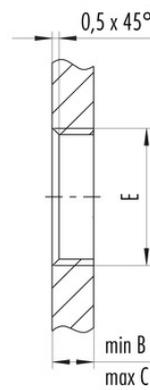
2. Einbauvorschlag

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 | <b>M8 integrated plug, Contacts: 4, not shielded, dip-solder, IP67</b> |
| Area                | <b>M8 series 718</b>   |
| Order number        | <b>86 6819 0002 00704</b>  |

## 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.