Product data sheet
Automation technology - sensors and actuators

Product description
M8 female panel mount connector, Contacts: 6, shieldable, with shield plate, dip-solder, IP67, M10x0.75

Area
M8 series 718

Order number
86 6618 1121 00006

Illustration
Conductor layout
Scale drawing

You can find the assembly instructions on the next page.

Contact arrangement

Technical data

General values
Notice
Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.

Connector design
female panel mount connector

Connector locking system
dip-solder

Termination

Upper limit temperature
85 °C

Lower limit temperature
– 40 °C

Customs tariff number
85369010

Packaging Unit
20

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 II
EMC compliance shieldable, with shield plate
Degree of protection IP67
Mechanical operation > 100 Mating cycles

Material
Contact material CuSn (bronze)
Contact plating Au (gold)
Contact body material PA
Housing material Zinc die-cast nickel-plated
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Assembly instructions / Panel cut-out

1. Einbauvorschlag
Mit Fläche als Verdrehenschutz

2. Einbauvorschlag
Mit Durchgangsbohrung

3. Einbauvorschlag
Mit Gewinde, einschrubbar

<table>
<thead>
<tr>
<th>Gewinde E</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td>M8 x 1</td>
<td>8.1</td>
<td>2.0</td>
<td>3.5</td>
<td>7.1</td>
</tr>
<tr>
<td>M10 x 0.75</td>
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<td>2.0</td>
<td>6.5</td>
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<td>10.0</td>
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Anzugsdrehmoment 1 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.