Product data sheet
Automation technology - sensors and actuators

Product description
M8 female panel mount connector, Contacts: 8, shieldable, with shield plate, dip-solder, IP67, M10x0.75
Area
M8 series 718
Order number
86 6618 1121 00008

[Image: Illustration, Conductor layout, Scale drawing]

Contact arrangement

<table>
<thead>
<tr>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.90</td>
</tr>
<tr>
<td>2</td>
<td>-0.90</td>
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<tr>
<td>3</td>
<td>-1.85</td>
</tr>
<tr>
<td>4</td>
<td>-1.45</td>
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<tr>
<td>5</td>
<td>0</td>
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<tr>
<td>6</td>
<td>1.45</td>
</tr>
<tr>
<td>7</td>
<td>1.85</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
</tr>
</tbody>
</table>

You can find the assembly instructions on the next page.

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
screw
Termination
dip-solder
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
Degree of protection
shieldable, with shield plate
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 Verdrehschutz

2. Einbauvorschlag
Mit Durchgangsbohrung

3. Einbauvorschlag
Alte Gewinde, einschraubbar

<table>
<thead>
<tr>
<th>Gewinde</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<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>
<td>10.1</td>
<td>2.0</td>
<td>6.5</td>
<td>9.1</td>
</tr>
<tr>
<td>M12 x 1</td>
<td>12.1</td>
<td>2.5</td>
<td>4.5</td>
<td>10.0</td>
</tr>
</tbody>
</table>

Anzugsdrehmoment 1 Nm
Product data sheet
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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.