

Product description	<b>Contacts: 4, Fixing thread: M16x1.5, female panel mount connector with single wires AWG 24</b>
Area	<b>M12-D, M12-X Series 825/876 D-coding</b>
Order number	<b>76 0236 0011 00404-0200</b>

Illustration	Scale drawing	Contact arrangement															
		<table border="1" style="margin: 10px 0;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2,50</td> <td>0,00</td> </tr> <tr> <td>2</td> <td>0,00</td> <td>2,50</td> </tr> <tr> <td>3</td> <td>2,50</td> <td>0,00</td> </tr> <tr> <td>4</td> <td>0,00</td> <td>-2,50</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>1 gelb/yellow</li> <li>2 weiß/white</li> <li>3 orange/orange</li> <li>4 blau/blue</li> </ul>		X	Y	1	-2,50	0,00	2	0,00	2,50	3	2,50	0,00	4	0,00	-2,50
	X	Y															
1	-2,50	0,00															
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You can find the assembly instructions on the next page.

## Technical data

### General values

<p>Notice</p> <p>Connector design</p> <p>Connector locking system</p> <p>Termination</p> <p>Wire gauge (mm)</p> <p>Wire gauge (AWG)</p> <p>Upper limit temperature</p> <p>Lower limit temperature</p> <p>Customs tariff number</p>	<p>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.</p> <p>female panel mount connector</p> <p>bolted</p> <p>single wires</p> <p>0.25 mm<sup>2</sup></p> <p>24</p> <p>85 °C</p> <p>-40 °C</p> <p>85369010</p>
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### Cable data

Approval 1	UL
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### Electrical values

<p>Rated current (40 °C)</p> <p>Rated voltage</p> <p>Rated impulse voltage</p> <p>Pollution degree</p> <p>Overvoltage category</p> <p>Insulating material group</p> <p>Volume resistivity</p> <p>Insulation resistance</p> <p>EMC compliance</p> <p>Degree of protection</p> <p>Mechanical operation</p>	<p>4 A</p> <p>250 V</p> <p>2500 V</p> <p>3</p> <p>II</p> <p>II</p> <p>≤ 3 mΩ</p> <p>&gt;10<sup>10</sup>Ω</p> <p>not shielded</p> <p>IP67</p> <p>&gt; 100 Mating cycles</p>
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### Material

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

Mit Fläche als Verdrehschutz  
With flats as anti-rotation device

PG 9/M16 x 1,5/M20 x 1,5

Mit Durchgangsbohrung  
With bore hole

Mit Gewinde, einschraubbar  
With thread to screw in

alternativ/alternativ

	A	B	C	D
PG 9	PG 9	16,2	15,3	13,5
PG 13,5	PG 13,5	21,5	20,5	–
M16x1,5	M16x1,5	17,0	16,1	13,5
M20x1,5	M20x1,5	21,0	20,1	–

Anzugsdrehmoment/Tightening torque

Metallgehäuse/Metal housing	6,25 Nm
Kunststoffgehäuse/Plastic housing	3,75 Nm

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### Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

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.