

Product sheet

Miniature connector



Product	Contacts: 7, Female panel mount connector, solder, screwed from front, 2 - 8 contacts	Area	M16 IP40 Series 581/ 680/ 682
Pole	7	Article number	09 0328 89 07

Illustration	Scale drawing	Contact Arrangement																								
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,75</td> <td>-3,03</td> </tr> <tr> <td>2</td> <td>3,50</td> <td>0,00</td> </tr> <tr> <td>3</td> <td>1,75</td> <td>3,03</td> </tr> <tr> <td>4</td> <td>-1,75</td> <td>3,03</td> </tr> <tr> <td>5</td> <td>-3,50</td> <td>0,00</td> </tr> <tr> <td>6</td> <td>-1,75</td> <td>-3,03</td> </tr> <tr> <td>7</td> <td>0,00</td> <td>0,00</td> </tr> </tbody> </table>		X	Y	1	1,75	-3,03	2	3,50	0,00	3	1,75	3,03	4	-1,75	3,03	5	-3,50	0,00	6	-1,75	-3,03	7	0,00	0,00
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You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Female panel mount connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	0.75 mm ²
Wire gauge (AWG)	20
Upper temperature	85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	125 V
Rated impulse voltage	800 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	5 A
Volume resistivity	≤ 3 mΩ
EMV compliance	shielded
Degree of protection	IP40
Mechanical operation	> 500 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	Nickel-plated zinc die casting

Contacts: 7, Female panel mount connector, solder, screwed from front, 2 - 8 contacts, gold plated contacts

Product

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Area
Article number

**M16 IP40 Series 581/ 680/ 682
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Pole

7

Installation instructions / Mounting cutout

