

# Product sheet

## Miniature connector



Product	<b>Contacts: 7, Female panel mount connector, solder, 2 - 8 contacts, with UL approval</b>	Area	<b>M16 IP67 Series 423/ 723/ 425</b>
Pole	<b>7</b>	Article number	<b>09 0128 00 07</b>

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

<h3 style="color: #e91e63; margin: 0;">Common values</h3> <p>Connector Design                      Female panel mount connector  Connector locking system            screw  Termination                                Solder  Wire gauge (mm)                         0.75 mm<sup>2</sup>  Wire gauge (AWG)                        20  Upper temperature                        95 °C  Lower temperature                        -40 °C</p>	<h3 style="color: #e91e63; margin: 0;">Electrical values</h3> <p>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                        ≤ 5 mΩ  EMV compliance                         shielded  Degree of protection                    IP67  Mechanical operation                    &gt; 500 mating cycles</p>	<h3 style="color: #e91e63; margin: 0;">Material</h3> <p>Material of contact                        CuSn (Bronze)  Contact plating                            Ag (Silver)  Material of contact body                PBT (UL 94 V-0)  Material of housing                        Nickel-plated zinc die casting</p>
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Contacts: 7, Female panel mount connector, solder, 2 - 8 contacts, silver plated contacts, with UL approval

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**Miniature connector**



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7

Area  
Article number

**M16 IP67 Series 423/ 723/ 425**  
**09 0128 00 07**

Pole

**Installation instructions / Mounting cutout**

