

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 80 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 |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

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 | ≤ 5 mΩ |
| EMV compliance | shielded |
| Degree of protection | IP40 |
| Mechanical operation | > 500 mating cycles |

Material

| | |
|--------------------------|--------------------------------|
| 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 |

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

Product

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

Area
Article number

**M16 IP40 Series 581/ 680/ 682
09 0328 80 07**

Pole

7

Installation instructions / Mounting cutout

