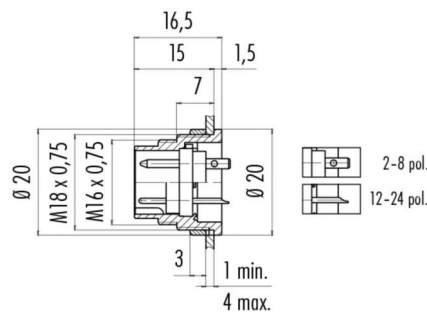


|                |                                                                                             |
|----------------|---------------------------------------------------------------------------------------------|
| Product        | Contacts: 4, male panel mount connector, solder, screwed from front, silver plated contacts |
| Area           | M16 IP40 Series 581/ 680/ 682                                                               |
| Article number | 09 0311 80 04                                                                               |

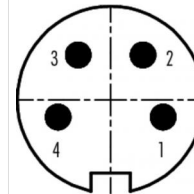
### Illustration



### Scale drawing



### Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | 3,32  | -1,08 |
| 2 | 2,05  | 2,83  |
| 3 | -2,05 | 2,83  |
| 4 | -3,32 | -1,08 |

You can find the assembly instruction on the next page.

## Technical data

### General features

|                          |                            |
|--------------------------|----------------------------|
| Connector Design         | male panel mount connector |
| Connector locking system | bolted                     |
| Termination              | solder                     |
| Wire gauge (mm)          | 0,75 mm <sup>2</sup>       |
| Wire gauge (AWG)         | 20                         |
| Upper temperature        | 85 °C                      |
| Lower temperature        | -40 °C                     |

### Electrical parameters

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated impulse voltage | 1500 V              |
| Pollution degree      | 1                   |
| Overvoltage category  | I                   |
| Material group        | III                 |
| Rated current (40°C)  | 6 A                 |
| Volume resistivity    | ≤ 5 mΩ              |
| EMV compliance        | shielded            |
| Degree of protection  | IP40                |
| Mechanical operation  | > 500 Mating cycles |

### Material

|                          |                 |
|--------------------------|-----------------|
| Material of contact      | CuZn (Messing)  |
| Contact plating          | Ag (silver)     |
| Material of contact body | PBT (UL 94 V-0) |

Product

Contacts: 4, male panel mount connector, solder, screwed from front, silver plated contacts

Area

M16 IP40 Series 581/ 680/ 682

Article number

09 0311 80 04

Installation instructions / Mounting cutout

