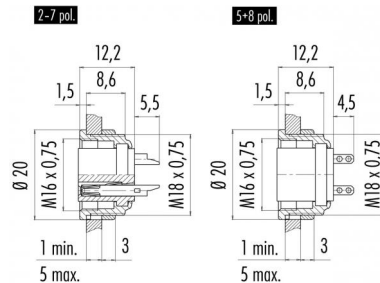


| | | | | |
|--------------|---|---------------------|----------------|---------------|
| Product Area | Female socket, solder M16 connectors IP 40 | serie 581/ 680/ 682 | Pole | 4 |
| | | | Article number | 09 0312 00 04 |

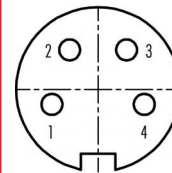
illustration



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

Common values

| | |
|--------------------------|----------------------|
| Connector Design | Female socket |
| 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 |

Material

| | |
|--------------------------|--------------------------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Ag (silver) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | zinc diecasting, nickel plated |

Cable data

Contacts 4, female socket, solder, 2 - 8
Contacts, silver plated contacts

Electrical values

| | |
|-----------------------|--------------------|
| 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 | IP 40 |
| Mechanical operation | >500 mating cycles |



Product
Area

Female socket, solder
M16 connectors IP 40

serie 581/ 680/ 682

Pole
Article number

4
09 0312 00 04

Installation instructions / Mounting cutout

