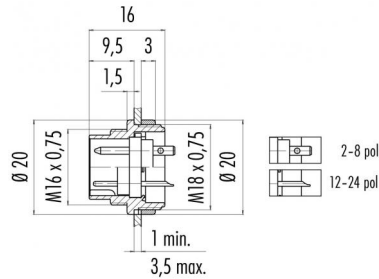


|              |   |                       |                     |                           |
|--------------|---|-----------------------|---------------------|---------------------------|
| Product Area | Male socket, solder<br>M16 connectors IP 40 | serie 581 / 680 / 682 | Pole Article number | 5 stereo<br>09 0319 09 05 |
|--------------|---|-----------------------|---------------------|---------------------------|

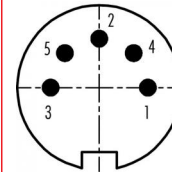
illustration



scale drawing



Contact Arrangement



|   | X     | Y    |
|---|-------|------|
| 1 | 3,50  | 0,00 |
| 2 | 0,00  | 3,50 |
| 3 | -3,50 | 0,00 |
| 4 | 2,47  | 2,47 |
| 5 | -2,47 | 2,47 |

You can find the assembly instruction on the next page.

Technical data

Common values

|                          |                      |
|--------------------------|----------------------|
| Connector Design         | Male socket          |
| Connector locking system | Screw                |
| Termination              | solder               |
| Wire gauge (mm)          | 0,75 mm <sup>2</sup> |
| Wire gauge (AWG)         | 20                   |
| Upper temperature        | +85 °C               |
| Lower temperature        | -40 °C               |

Material

|                          |                                |
|--------------------------|--------------------------------|
| Material of contact      | CuZn (brass)                   |
| Contact plating          | Au (gold)                      |
| Material of contact body | PBT (UL 94 V-0)                |
| Material of housing      | zinc diecasting, nickel plated |

Cable data

Contacts 5 Stereo, male socket, solder, gold plated contacts

Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 60 V               |
| Rated impulse voltage | 500 V              |
| Pollution degree      | 1                  |
| Overvoltage category  | I                  |
| Material group        | III                |
| Rated current (40°C)  | 6 A                |
| Volume resistivity    | ≤ 3 mΩ             |
| EMV compliance        | shielded           |
| Degree of protection  | IP 40              |
| Mechanical operation  | >500 mating cycles |



Product  
Area

Male socket, solder  
M16 connectors IP 40

serie 581/ 680/ 682

Pole  
Article number

5 stereo  
09 0319 09 05

Installation instructions / Mounting cutout

