

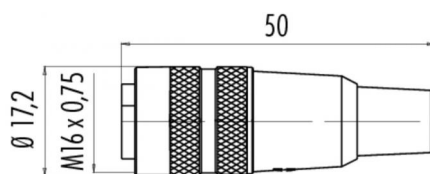
Product **M16 IP40 female cable connector, Contacts: 5 (stereo), 6.0 - 8.0 mm, Shielding is not possible, solder, IP40**

Area **M16 IP40 series 680**  
Article number **09 0318 02 05**

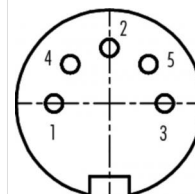
### Illustration



### Ritning



### Polbild



|   | 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 |

## Technical data

### General features

|                       |                        |
|-----------------------|------------------------|
| Kontaktdesign         | female cable connector |
| Kontaktdonslåsning    | screw                  |
| Anslutning            | solder                 |
| Tvårsnitt (mm)        | 0.75 mm <sup>2</sup>   |
| Tvårsnitt (AWG)       | 18                     |
| Kabeluttag            | 6.0 - 8.0 mm           |
| Övre gränstemperatur  | 85 °C                  |
| Lägre gränstemperatur | -40 °C                 |
| Customs tariff number | 85369010               |

### Electrical parameters

|                         |                           |
|-------------------------|---------------------------|
| Märkström (40°C)        | 6 A                       |
| Märkspänning            | 60 V                      |
| Märkstötspänning        | 500 V                     |
| Föreningegrad           | 1                         |
| Överspänningskategori   | I                         |
| Isoleringsmaterialgrupp | III                       |
| Resistans               | ≤ 5 mΩ                    |
| Insulation resistance   | ≥ 10 <sup>10</sup> Ω      |
| EMV-behörighet          | Shielding is not possible |
| Kapslingsklass          | IP40                      |
| Mekanisk livslängd      | > 500 Mating cycles       |

### Material

|                       |                 |
|-----------------------|-----------------|
| Kontaktmaterial       | CuSn (brons)    |
| Kontaktplätering      | Ag (silver)     |
| Kontaktkroppsmaterial | PBT (UL 94 V-0) |
| Kontaktmaterial       | PA              |

|                |   |
|----------------|---|
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## Security notices

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).