

# Product data sheet

## Binder connectors

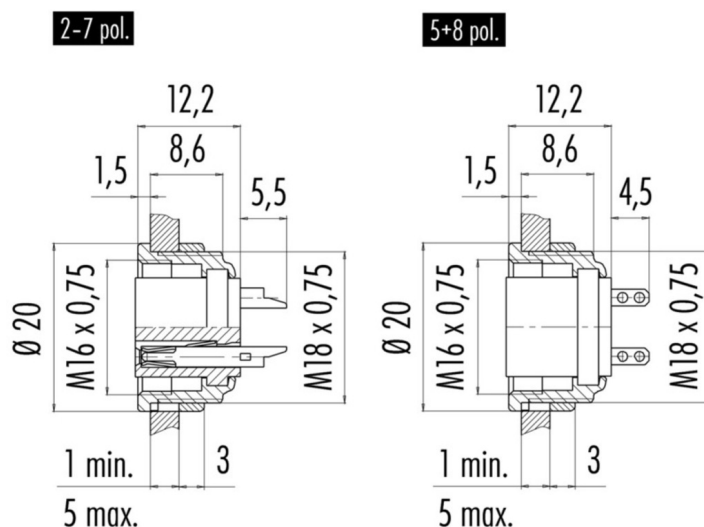
### Female panel mount connector



## Solder

09 0316 09 05

<https://www.ac-solutions.be/en/product/0903160905>



## Specifications

### General Characteristics

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Screw size         | M16                                                                                       |
| Series             | Miniature                                                                                 |
| Subseries          | 581-680-682                                                                               |
| Gender             | Female                                                                                    |
| Number of contacts | 5                                                                                         |
| Contact terminal   | Solder                                                                                    |
| Upper temperature  | +85 °C                                                                                    |
| Lower temperature  | -40 °C                                                                                    |
| Protection degree  | IP40                                                                                      |
| Locking system     | Screw (M16)                                                                               |
| Mating cycles      | >500                                                                                      |
| Connector Diameter | 20 mm                                                                                     |
| Wire-section       | 0.75 mm <sup>2</sup>                                                                      |
| Remark*            | *In case of pollution degree 2, overvoltage category II rated voltage is reduced to 32 V. |

## Electrical parameters

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|                         |            |
|-------------------------|------------|
| Nominal current         | 6 A        |
| Nominal voltage         | 250 (32) V |
| Impuls voltage          | 1500 V     |
| Max. contact resistance | 3 m?       |
| Pollution degree        | 1 (2)*     |
| Overvoltage categorie   | I (II)*    |

## Material

|                     |                               |
|---------------------|-------------------------------|
| Material group      | III                           |
| Material of insert  | PBT (UL 94 V-0)               |
| Material of housing | Zinc diecasting nickel plated |
| Material of contact | CuSn (Bronze)                 |
| Plating             | Au (Gold)                     |