

# Product data sheet

## Binder connectors

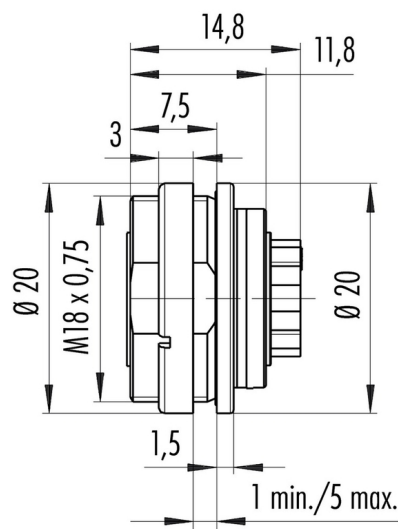
### Female panel mount connector



## Crimp, front fastened

09 0174 780 08

<https://www.ac-solutions.be/en/product/09017478008>



## Specifications

### General Characteristics

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Screw size         | M16                                                                                       |
| Series             | Miniature                                                                                 |
| Subseries          | 423-723-425                                                                               |
| Gender             | Female                                                                                    |
| Number of contacts | 8                                                                                         |
| Contact terminal   | Crimp                                                                                     |
| Upper temperature  | +95 °C                                                                                    |
| Lower temperature  | -40 °C                                                                                    |
| Protection degree  | IP67                                                                                      |
| Locking system     | Screw (M16)                                                                               |
| Mating cycles      | >500                                                                                      |
| Connector Diameter | 20 mm                                                                                     |
| Cable outlet       | 6-8 mm                                                                                    |
| Remark*            | *In case of pollution degree 2, overvoltage category II rated voltage is reduced to 32 V. |

## Electrical parameters

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### Female panel mount connector



|                         |           |
|-------------------------|-----------|
| Nominal current         | 5 A       |
| Nominal voltage         | 60 (32) V |
| Impuls voltage          | 500 V     |
| Max. contact resistance | 5 m?      |
| Pollution degree        | 1 (2)*    |
| Overvoltage categorie   | I (II)*   |

## Material

|                     |                             |
|---------------------|-----------------------------|
| Material group      | III                         |
| Material of insert  | PBT (UL 94 V-0)             |
| Material of housing | CuZn (Brass, nickel plated) |
| Material of contact | CuSn (Bronze)               |
| Plating             | Ag (Silver)                 |