

# Product data sheet

## Binder connectors

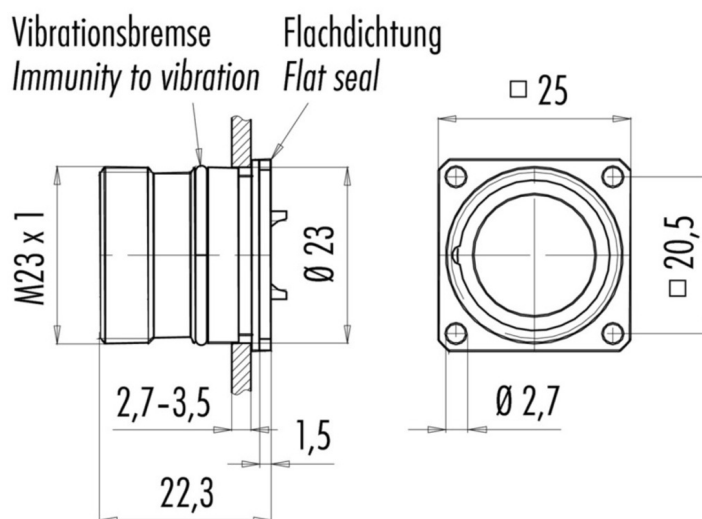
### Female panel mount connector



## Fastened from back side

99 4612 80 16

<https://www.ac-solutions.be/en/product/9946128016>



## Specifications

### General Characteristics

|                    |                   |
|--------------------|-------------------|
| Screw size         | M23               |
| Series             | Power             |
| Subseries          | 623               |
| Gender             | Female            |
| Number of contacts | 16                |
| Contact terminal   | Solder            |
| Upper temperature  | +125 °C           |
| Lower temperature  | -20 °C            |
| Protection degree  | IP67              |
| Locking system     | Screw (M23)       |
| Mating cycles      | >50               |
| Connector Diameter | 25 mm             |
| Contact Type       | Clockwise         |
| Wire-section       | 1 mm <sup>2</sup> |

## Electrical parameters

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### Female panel mount connector



|                         |        |
|-------------------------|--------|
| Nominal current         | 8 A    |
| Nominal voltage         | 150 V  |
| Impuls voltage          | 1500 V |
| Max. contact resistance | 3 m?   |
| Pollution degree        | 3      |
| Overvoltage categorie   | II     |

## Material

|                     |                             |
|---------------------|-----------------------------|
| Material group      | III                         |
| Material of insert  | PBT/PA66                    |
| Material of housing | Zinc die cast nickel plated |
| Material of contact | CuZn (Brass)                |
| Plating             | Au (Gold)                   |