

# Product data sheet

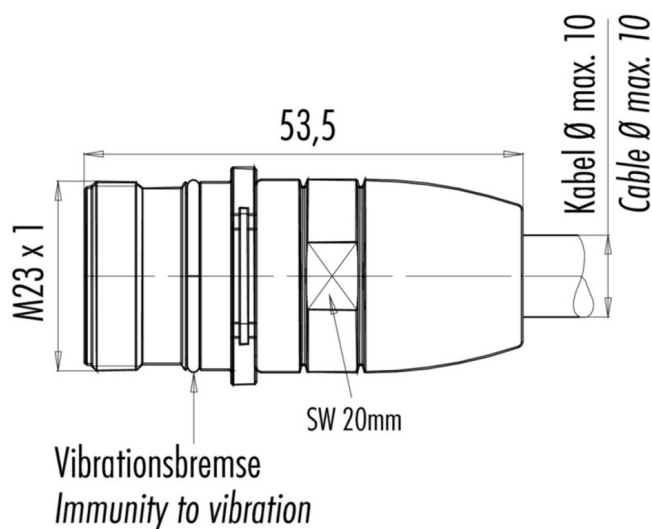
Binder connectors  
Male coupling connector



## Shieldable

99 4629 00 16

<https://www.ac-solutions.be/en/product/9946290016>



## Specifications

### General Characteristics

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Screw size         | M23                                                     |
| Series             | Power                                                   |
| Subseries          | 623                                                     |
| Gender             | Male                                                    |
| 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                                                     |
| Contact Type       | Clockwise                                               |
| Cable outlet       | 6-10 mm                                                 |
| Wire-section       | 1 mm <sup>2</sup>                                       |
| Remark*            | *Earth sleeves with seals have to be ordered separately |

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## Binder connectors

### Male coupling connector



## Electrical parameters

|                         |        |
|-------------------------|--------|
| 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 | CuZn (Brass, nickel plated) |
| Material of contact | CuZn (Brass)                |
| Plating             | Au (Gold)                   |