

# Product data sheet

## Binder connectors

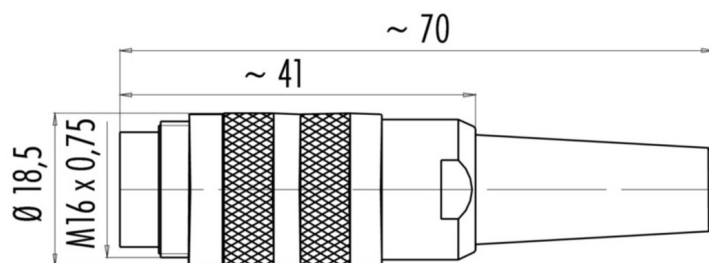
### Male cable connector



## With cable clamp, shieldable

99 2045 20 24

<https://www.ac-solutions.be/en/product/9920452024>



## Specifications

### General Characteristics

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Screw size         | M16                                                                                       |
| Series             | Miniature                                                                                 |
| Subseries          | 581                                                                                       |
| Gender             | Male                                                                                      |
| Number of contacts | 24                                                                                        |
| Contact terminal   | Solder                                                                                    |
| Upper temperature  | +85 °C                                                                                    |
| Lower temperature  | -40 °C                                                                                    |
| Protection degree  | IP40                                                                                      |
| Locking system     | Screw (M16)                                                                               |
| Mating cycles      | >500                                                                                      |
| Connector Diameter | 18.5 mm                                                                                   |
| Cable outlet       | 6-8 mm                                                                                    |
| Wire-section       | 0.14 mm <sup>2</sup>                                                                      |
| Remark*            | *In case of pollution degree 2, overvoltage category II rated voltage is reduced to 32 V. |

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## Electrical parameters

|                         |           |
|-------------------------|-----------|
| Nominal current         | 1 A       |
| Nominal voltage         | 60 (32) V |
| Impuls voltage          | 500 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 | CuZn (Brass nickel plated) |
| Material of contact | CuZn (Brass)               |
| Plating             | Au (Gold)                  |