

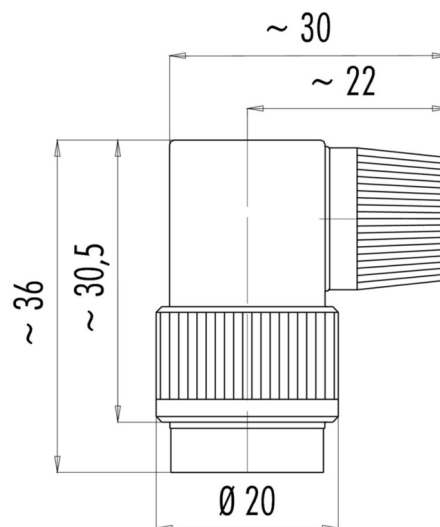
# Product data sheet

## Binder connectors Female angled connector



99 0646 70 08

<https://www.ac-solutions.be/en/product/9906467008>



## Specifications

### General Characteristics

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Series             | Miniature                                                                                 |
| Subseries          | 678                                                                                       |
| Gender             | Female                                                                                    |
| Number of contacts | 8                                                                                         |
| Contact terminal   | Solder                                                                                    |
| Upper temperature  | +85 °C                                                                                    |
| Lower temperature  | -40 °C                                                                                    |
| Protection degree  | IP40                                                                                      |
| Locking system     | Bayonet                                                                                   |
| Mating cycles      | >500                                                                                      |
| Connector Diameter | 20 mm                                                                                     |
| Cable outlet       | 4-6 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

|                 |           |
|-----------------|-----------|
| Nominal current | 5 A       |
| Nominal voltage | 60 (32) V |

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### Female angled connector



|                         |         |
|-------------------------|---------|
| 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 | PA (UL 94 V-0)  |
| Material of contact | CuSn (Bronze)   |
| Plating             | Ag (Silver)     |