

# Product data sheet

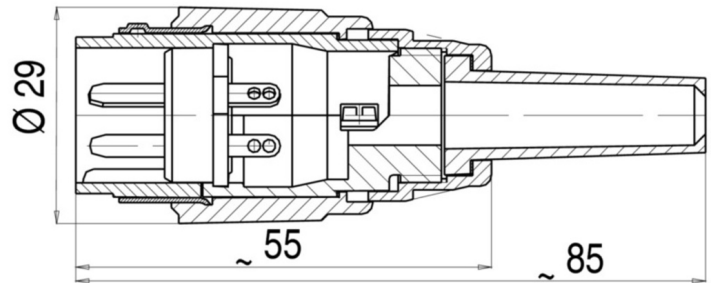
## Binder connectors

### Male cable connector



09 0055 00 03

<https://www.ac-solutions.be/en/product/0900550003>



## Specifications

### General Characteristics

|                    |                     |
|--------------------|---------------------|
| Series             | Power               |
| Subseries          | 690                 |
| Gender             | Male                |
| Number of contacts | 3                   |
| Contact terminal   | Solder              |
| Upper temperature  | +85 °C              |
| Lower temperature  | -40 °C              |
| Protection degree  | IP40                |
| Locking system     | Bayonet             |
| Mating cycles      | >500                |
| Connector Diameter | 29 mm               |
| Cable outlet       | 5-8 mm              |
| Wire-section       | 2.5 mm <sup>2</sup> |

### Electrical parameters

|                 |        |
|-----------------|--------|
| Nominal current | 10 A   |
| Nominal voltage | 250 V  |
| Impuls voltage  | 2500 V |

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|                         |      |
|-------------------------|------|
| Max. contact resistance | 5 m? |
| Pollution degree        | 1    |
| Overvoltage categorie   | II   |

## Material

|                     |                  |
|---------------------|------------------|
| Material group      | III              |
| Material of insert  | PET (UL 94 V-0)  |
| Material of housing | GD-Al (anodized) |
| Material of contact | CuZn (Brass)     |
| Plating             | Ag (Silver)      |