

# Product data sheet

## Binder connectors

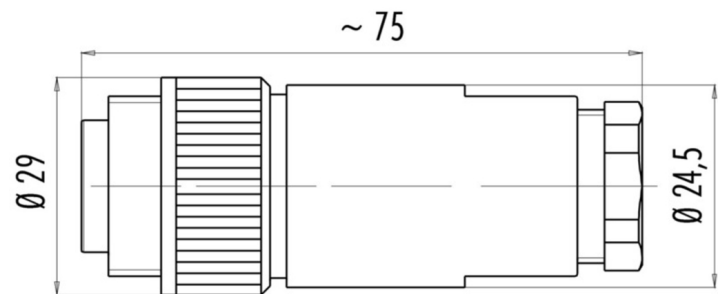
### Male cable connector



## PG16

99 0217 160 07

<https://www.ac-solutions.be/en/product/99021716007>



## Specifications

### General Characteristics

|                    |                            |
|--------------------|----------------------------|
| Screw size         | RD24                       |
| Series             | Power                      |
| Subseries          | 692-693                    |
| Gender             | Male                       |
| Number of contacts | 7                          |
| Contact terminal   | Screw                      |
| Upper temperature  | +100 °C                    |
| Lower temperature  | -40 °C                     |
| Protection degree  | IP67                       |
| Locking system     | Screw (RD24)               |
| Mating cycles      | >500                       |
| Connector Diameter | 29 mm                      |
| Cable outlet       | 12-14 mm                   |
| Wire-section       | 0,34 - 1,5 mm <sup>2</sup> |

### Electrical parameters

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|                         |        |
|-------------------------|--------|
| Nominal current         | 10 A   |
| Nominal voltage         | 250 V  |
| Impuls voltage          | 4000 V |
| Max. contact resistance | 5 m?   |
| Pollution degree        | 3      |
| Overvoltage categorie   | III    |

## Material

|                     |                |
|---------------------|----------------|
| Material group      | III            |
| Material of insert  | PBT (UL94 V-0) |
| Material of housing | PBT (UL94 V-0) |
| Material of contact | CuZn (Brass)   |
| Plating             | Ag (Silver)    |