

# Product data sheet

## Binder connectors

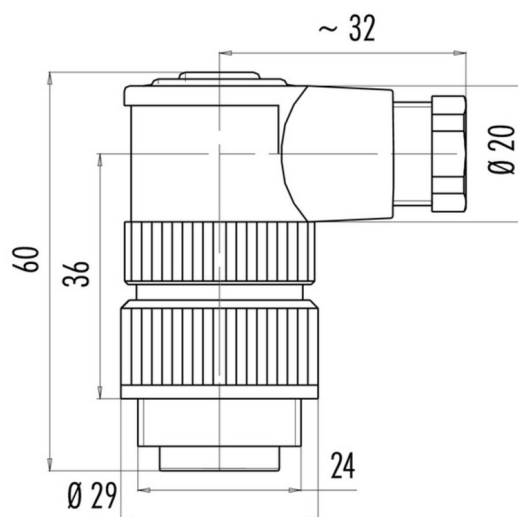
### Male angled connector



## PG9 / with VDE-, SEV-, UL-approval

99 4225 70 07

<https://www.ac-solutions.be/en/product/9942257007>



## Specifications

### General Characteristics

|                    |                          |
|--------------------|--------------------------|
| Screw size         | RD24                     |
| Series             | Power                    |
| Subseries          | 692-693                  |
| Gender             | Male                     |
| Number of contacts | 7                        |
| Contact terminal   | Solder                   |
| Upper temperature  | +100 °C                  |
| Lower temperature  | -40 °C                   |
| Protection degree  | IP67*                    |
| Locking system     | Screw (RD24)             |
| Mating cycles      | >500                     |
| Connector Diameter | 29 mm                    |
| Cable outlet       | 6-8 mm                   |
| Wire-section       | 0.75 mm <sup>2</sup>     |
| Remark*            | *IP65 for cable-Ø 6-7 mm |

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## Electrical parameters

|                         |        |
|-------------------------|--------|
| 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)    |