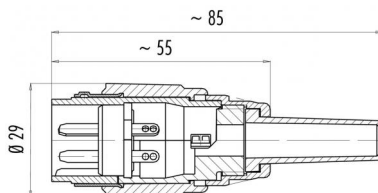


|         |                      |                |               |
|---------|----------------------|----------------|---------------|
| Product | Male cable connector | Pole           | 3             |
| Area    | Bayonet connectors   | Article number | 09 0055 00 03 |
|         | serie 690            |                |               |

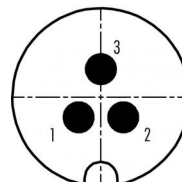
#### illustration



#### scale drawing



#### Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | -2,39 | -2,14 |
| 2 | 2,39  | -2,14 |
| 3 | 0,00  | 3,00  |

You can find the item description on the next page.

#### Technical data

##### Common values

|                          |                      |
|--------------------------|----------------------|
| Connector Design         | Male cable connector |
| Connector locking system | BayonetHocking       |
| Termination              | solder               |
| Wire gauge (mm)          | 2,50 mm <sup>2</sup> |
| Wire gauge (AWG)         | 14                   |
| Cable outlet             | 5 - 8 mm             |
| Upper temperature        | +85 °C               |
| Lower temperature        | -40 °C               |

##### Material

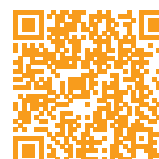
|                          |                    |
|--------------------------|--------------------|
| Material of contact      | CuZn (brass)       |
| Contact plating          | Ag (silver)        |
| Material of contact body | PET (UL 94 V 0)    |
| Material of housing      | Gd-Al (eloxadized) |

##### Cable data

Contacts 3, male cable connector

##### Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 250 V              |
| Rated impulse voltage | 2500               |
| Pollution degree      | I                  |
| Overvoltage category  | II                 |
| Material group        | III                |
| Rated current (40°C)  | 10 A               |
| Volume resistivity    | ≤ 5 mΩ             |
| EMV compliance        | not shielded       |
| Degree of protection  | IP 40              |
| Mechanical operation  | >500 mating cycles |



|         |                      |                |               |
|---------|----------------------|----------------|---------------|
| Product | Male cable connector | Pole           | 3             |
| Area    | Bayonet connectors   | Article number | 09 0055 00 03 |
|         | serie 690            |                |               |

#### Item description

