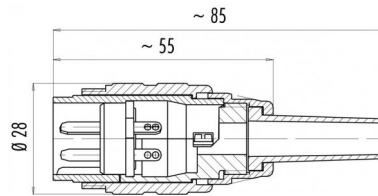


| | | | | |
|--------------|---|-----------|---------------------|--------------------|
| Product Area | Male cable connector M 25 connectors | serie 691 | Pole Article number | 7 09 0041 00 07 |
|--------------|---|-----------|---------------------|--------------------|

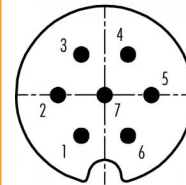
illustration



scale drawing



Contact Arrangement



| | X | Y |
|---|-------|-------|
| 1 | -2,50 | -4,33 |
| 2 | -5,00 | 0,00 |
| 3 | -2,50 | 4,33 |
| 4 | 2,50 | 4,33 |
| 5 | 5,00 | 0,00 |
| 6 | 2,50 | -4,33 |
| 7 | 0,00 | 0,00 |

You can find the item description on the next page.

Technical data

Common values

| | |
|--------------------------|----------------------|
| Connector Design | Male cable connector |
| Connector locking system | Screw |
| Termination | solder |
| Wire gauge (mm) | 0,75 mm ² |
| Wire gauge (AWG) | 20 |
| Cable outlet | 5 - 8 mm |
| Upper temperature | +85 °C |
| Lower temperature | -40 °C |

Material

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

Cable data

Contacts 7, 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) | 5 A |
| Volume resistivity | ≤ 8 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP 40 |
| Mechanical operation | >500 mating cycles |



Product
Area

Male cable connector
M 25 connectors

serie 691

Pole
Article number

7
09 0041 00 07

Item description

