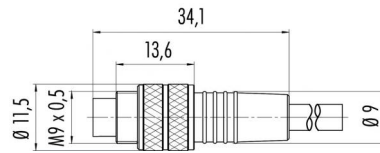


| | | | | |
|--------------|---|-----------|---------------------|---------------------|
| Product Area | Cable plug connector overmoulded, unshielded M9 connectors IP 67 | serie 702 | Pole Article number | 8 79 1461 215 08 |
|--------------|---|-----------|---------------------|---------------------|

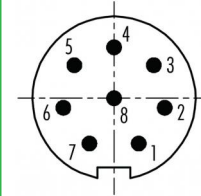
illustration



scale drawing



Contact Arrangement



- 1 weiß/white
- 2 braun/brown
- 3 grün/green
- 4 gelb/yellow
- 5 grau/grey
- 6 rosa/pink
- 7 blau/blue
- 8 rot/red

Technical data

Common values

| | |
|-------------------|----------------------|
| Connector Design | Male cable connector |
| Termination | moulded on cable |
| Wire gauge (mm) | 0,14 mm ² |
| Wire gauge (AWG) | 26 |
| Cable outlet | - |
| Upper temperature | +70 °C |
| Lower temperature | -25 °C |

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 125 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | I |
| Overvoltage category | II |
| Material group | III |
| Rated current (40°C) | 1 A |
| Volume resistivity | ≤ 3 mΩ |
| Degree of protection | IP 67 |
| Mechanical operation | >500 mating cycles |

Material

| | |
|--------------------------|-----------------|
| Material of contact | CuZn (brass) |
| Contact plating | Au (gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | PUR |

Cable data

| | |
|--|--------------|
| material housing | PUR |
| insulation single lead | PVC/PE |
| single lead structure | 18 x 0,10 mm |
| cable sheath Ø | 5 |
| conductor resistance | 117 Ω/km |
| temperature range cable movable c from | -5 |
| temperature range cable movable c to | 70 |
| temperature range cable fixed c from | -25 |
| temperature range cable fixed c to | 70 |
| bending radius cable fixed | Min. 25 mm |
| bending radius cable movable | Min. 50 mm |

Number of pins: 8, cable plug connector overmoulded, unshielded, cable length 5 m

