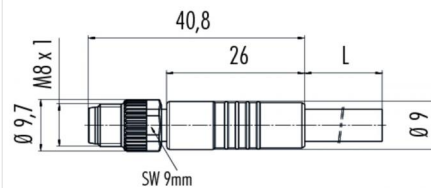


|                |                                                                                                                             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------|
| Product        | <b>Contacts: 8, cable length 2 m, cable: 8 x 0.25, PVC cable sheath, cable plug connector, overmoulded, screw type M8x1</b> |
| Area           | <b>M8 Series 718</b>                                                                                                        |
| Article number | <b>77 3405 0000 20008-0200</b>                                                                                              |

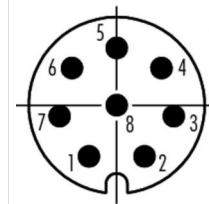
### Illustration



### 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

### General features

|                          |                         |
|--------------------------|-------------------------|
| Connector Design         | Cable Connector         |
| Connector locking system | bolted                  |
| Termination              | crimp, moulded on cable |
| Wire gauge (mm)          | 0,25 mm <sup>2</sup>    |
| Wire gauge (AWG)         | (24)                    |
| Upper temperature        | 85 °C                   |
| Lower temperature        | -25 °C                  |

### Cable data

|                                         |             |
|-----------------------------------------|-------------|
| material housing                        | PVC         |
| Insulation single lead                  | PVC         |
| Single lead structure                   | 32 x 0,1    |
| Cable sheath Ø                          | 6           |
| Conductor resistance                    | <79Ω/Km     |
| Temperature range cable movable °C from | -5          |
| Temperature range cable movable °C to   | 105         |
| Temperature range cable fixed °C from   | -40         |
| Temperature range cable fixed °C to     | 105         |
| Bending radius cable fixed              | min. 5 x D  |
| Bending radius cable movable            | min. 10 x D |
| Approval 1                              | UL listed   |
| Cable diameter                          | 6           |

### Electrical parameters

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 30 V                |
| Rated impulse voltage | 800 V               |
| Pollution degree      | 3                   |
| Overvoltage category  | II                  |
| Material group        | II                  |
| Rated current (40°C)  | 1,5 A               |
| Volume resistivity    | ≤ 3 mΩ              |
| EMV compliance        | not shielded        |
| Degree of protection  | IP67                |
| Mechanical operation  | > 100 Mating cycles |

### Material

|                          |                |
|--------------------------|----------------|
| Material of contact      | CuZn (Messing) |
| Contact plating          | Au (gold)      |
| Material of contact body | PUR            |
| Material of housing      | PUR            |