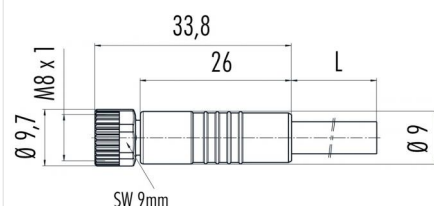


|                     |   |
|---------------------|---|
| Product description | M8 female cable connector, Contacts: 4, unshielded, moulded on cable, IP67/IP69K, UL listed, PVC grey, 4 x 0.34 mm <sup>2</sup> |
| Area                | M8 series 718   |
| Order number        | 77 3406 0000 20004-0200   |

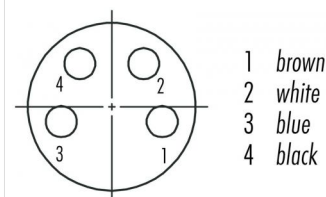
## Illustration



## Scale drawing



## Contact arrangement (Plug-in side)



## Technical data

### General features

|                           |  |
|---------------------------|--|
| Order number              | 77 3406 0000<br>20004-0200   |
| Notice                    | Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right. |
| Connector design          | female cable connector   |
| Cable length              | 2 m  |
| Version                   | connector female straight  |
| Connector locking system  | screw  |
| Termination               | moulded on cable   |
| Degree of protection      | IP67/IP69K   |
| Cross-sectional area      | 0.34 mm <sup>2</sup> / AWG 22  |
| Temperature range from/to | -25 °C / 85 °C   |
| Mechanical operation      | > 100 Mating cycles  |
| Weight (g)                | 75   |
| Customs tariff number     | 85444290   |

### Electrical parameters

|                           |            |
|---------------------------|------------|
| Rated voltage             | 60 V       |
| Rated impulse voltage     | 1500 V     |
| Rated current (40 °C)     | 4 A        |
| Pollution degree          | 3          |
| Overvoltage category      | II         |
| Insulating material group | II         |
| EMC compliance            | unshielded |

### Material

|                       |                             |
|-----------------------|-----------------------------|
| Housing material      | PUR                         |
| Contact body material | PUR                         |
| Contact material      | CuZn (brass)                |
| Contact plating       | Au (gold)                   |
| Locking material      | Zinc die-cast nickel-plated |
| REACH SVHC            | CAS 7439-92-1 (Lead)        |

### Authorization/approvals

|            |           |
|------------|-----------|
| Approval 1 | UL listed |
|------------|-----------|

### Classifications

|             |             |
|-------------|-------------|
| eCl@ss 11.1 | 27-06-03-11 |
| ETIM 7.0    | EC001855    |

### Declarations of conformity

|                       |  |
|-----------------------|--|
| Low Voltage Directive | 2014/35/EU (EN 60529:1991;EN 60204-1:2018) |
| RoHS Directive        | 2011/65/EU (EN 50581:2012)                 |

|                     |   |
|---------------------|---|
| Product description | M8 female cable connector, Contacts: 4, unshielded, moulded on cable, IP67/IP69K, UL listed, PVC grey, 4 x 0.34 mm² |
| Area                | M8 series 718   |
| Order number        | 77 3406 0000 20004-0200   |

## Technical data

### Cable data

|   |                                       |
|---|---------------------------------------|
| Cable diameter                          | 4.8 mm                                |
| Sheath material                         | PVC                                   |
| Single-lead insulation                  | PVC                                   |
| Single-lead structure                   | 42x0.1 mm                             |
| Cable color                             | grey                                  |
| Conductor resistance                    | 57 Ω/Km                               |
| Bending radius, fixed cable             | ≥ 5 x Ø                               |
| Bending radius, moving cable            | ≥ 10 x Ø                              |
| Bending cycles                          | >2Mio.                                |
| Permitted acceleration                  | max. 5 m/s² +1 m/s²                   |
| Travel distance, horizontal             | 5 m/sec² -> 5m                        |
| Travel distance, vertical               | 5 m/sec² -> 2m                        |
| Travel speed                            | ≤ 200 m/min (5 m horizontal distance) |
| Temperature range cable in move from/to | -5°C / +105°C                         |
| Temperature range cable fixed from/to   | -40°C / +105°C                        |
| Halogen free                            | No                                    |

|                     |   |
|---------------------|---|
| Product description | M8 female cable connector, Contacts: 4, unshielded, moulded on cable, IP67/IP69K, UL listed, PVC grey, 4 x 0.34 mm <sup>2</sup> |
| Area                | M8 series 718   |
| Order number        | 77 3406 0000 20004-0200   |

## Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre. To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).