

Product  
Pole

**Contacts: 3, Female cable connector, overmoulded, snap version, 8mm**  
3

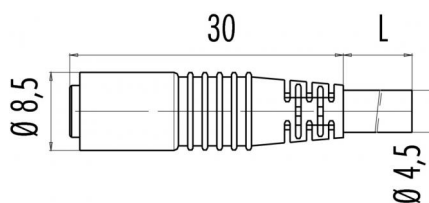
Area  
Article number

**M8 Series 718**  
**79 3410 12 03**

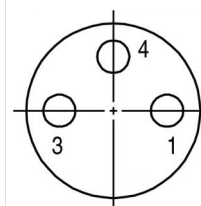
### Illustration



### Scale drawing



### Contact Arrangement



1 braun/brown  
3 blau/blue  
4 schwarz/black

## Technical data

### Common values

|                          |                                |
|--------------------------|--------------------------------|
| Connector Design         | Female cable connector         |
| Connector locking system | Snap                           |
| Termination              | crimp, injection-moulded cable |
| Wire gauge (mm)          | 0.14 mm <sup>2</sup>           |
| Wire gauge (AWG)         | 26                             |
| Cable outlet             | -                              |
| Upper temperature        | 70 °C                          |
| Lower temperature        | -25 °C                         |

### Cable data

|                                        |             |
|----------------------------------------|-------------|
| material housing                       | PUR         |
| Insulation single lead                 | PVC         |
| Single lead structure                  | 18 x 0.1    |
| Cable sheath Ø                         | 3           |
| Conductor resistance                   | 148Ω/Km     |
| Temperature range cable movable c from | -5          |
| Temperature range cable movable c to   | 70          |
| Temperature range cable fixed c from   | -15         |
| Temperature range cable fixed c to     | 70          |
| Bending radius cable fixed             | min. 5 x D  |
| Bending radius cable movable           | min. 10 x D |

### Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 60 V               |
| Rated impulse voltage | 800 V              |
| Pollution degree      | 3                  |
| Overvoltage category  | II                 |
| Material group        | II                 |
| Rated current (40°C)  | 3 A                |
| Volume resistivity    | ≤ 3 mΩ             |
| EMV compliance        | not shielded       |
| Degree of protection  | IP65               |
| Mechanical operation  | > 50 mating cycles |

### Material

|                          |              |
|--------------------------|--------------|
| Material of contact      | CuZn (Brass) |
| Contact plating          | Au (Gold)    |
| Material of contact body | PUR          |
| Material of housing      | PUR          |

Contacts: 3, Cable length 2 m, cable: 3 x 0.14, PUR cable sheath, female cable connector, overmoulded, snap version, 8 mm