**Product data sheet**

**Subminiature connectors**

**Product description**

M9 IP67 female cable connector. Contacts: 8, shielded, moulded on cable, IP67, PUR black, 8 x 0.14 mm²

**Area**

M9 IP67 series 702

**Order number**

79 1426 15 08

---

### Technical data

#### General features

- **Order number**: 79 1426 15 08
- **Connector design**: female cable connector
- **Version**: connector female straight
- **Connector locking system**: screw
- **Termination**: moulded on cable
- **Degree of protection**: IP67
- **Cross-sectional area**: 0.14 mm² / AWG 26
- **Temperature range from/to**: -25 °C / 70 °C
- **Mechanical operation**: > 500 Mating cycles
- **Weight (g)**: 220
- **Customs tariff number**: 85444290

#### Electrical parameters

- **Rated voltage**: 125 V
- **Rated impulse voltage**: 1500 V
- **Rated current (40 °C)**: 1 A
- **Insulation resistance**: ≥ 10¹⁰ Ω
- **Pollution degree**: 1
- **Overvoltage category**: II
- **Insulating material group**: III
- **EMC compliance**: shielded

#### Material

- **Housing material**: PUR
- **Contact body material**: PBT (UL94 V-0)
- **Contact material**: CuSn (bronze)
- **Contact plating**: Au (gold)
- **Locking material**: CuZn (Brass nickel) plated
- **REACH SVHC**: CAS 7439-92-1 (Lead)

#### Cable data

- **Cable length**: 5 m
- **Sheath material**: PUR
- **Single-lead insulation**: PVC
- **Halogen free**: No
- **Cable color**: black
- **Cable diameter**: 5.4 mm
- **Single-lead structure**: 18x0.1 mm
- **Conductor resistance**: 75Ω/Km
- **Temperature range cable in move from/to**: -25 °C / +80°C
- **Temperature range cable fixed from/to**: -25 °C / +80°C
- **Bending radius, fixed cable**: ≥ 15 x Ø
- **Bending radius, moving cable**: ≥ 75 x Ø
- **Bending cycles**: >1Mio.
- **Permitted acceleration**: max. 3 m/sec²
- **Travel distance, horizontal**: max. 5 m
- **Travel distance, vertical**: max. 2 m

---

**Date: 2020-10-07 - Page 1 of 2**
Product data sheet
Subminiature connectors

<table>
<thead>
<tr>
<th>Product description</th>
<th>M9 IP67 female cable connector. Contacts: 8, shielded, moulded on cable, IP67, PUR black, 8 x 0.14 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area</td>
<td>M9 IP67 series 702</td>
</tr>
<tr>
<td>Order number</td>
<td>79 1426 15 08</td>
</tr>
</tbody>
</table>

Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

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.

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).