#### **Product data sheet**

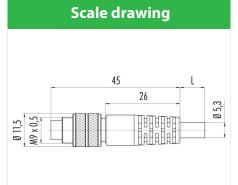
# Subminiature connectors

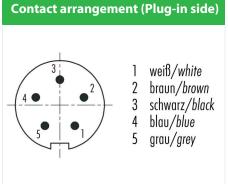


Product description M9 IP67 cable connector, Contacts: 5, shielded, moulded on cable, IP67, Shielded cable, PUR black, 5 x 0.25 mm<sup>2</sup>

Area **M9 IP67 series 702**Order number **79 1413 12 05** 

# Illustration





# Technical data

#### **General values**

Connector design cable connector Connector locking system screw moulded on cable Termination 0.25 mm<sup>2</sup> Wire gauge (mm) Wire gauge (AWG) 24 70 °C Upper limit temperature Lower limit temperature - 25 °C Customs tariff number 85444290 Packaging Unit 60

#### **Cable data**

Cable length 2 m Sheath material PUR Single-lead insulation PVC Halogen free No Single-lead structure 14 x 0,15 mm mm Cable diameter 5.3 mm Cable color black 75Ω/Km Conductor resistance Temperature range, moving cable, °C from -15°C +80°C Temperature range, moving cable, °C to -30°C Temperature range, fixed cable, °C from Temperature range, fixed cable, °C to +80°C Bending radius, fixed cable ≥ 7.5 x Ø Bending radius, moving cable ≥ 15 x Ø

#### **Electrical values**

Rated current (40 °C) Rated voltage 125 V 1500 V Rated impulse voltage Pollution degree Overvoltage category П Insulating material group Ш  $\geq 10^{10} \, \Omega$ Insulation resistance **EMC** compliance shieldedDegree of protection IP67 Mechanical operation > 500 Mating cycles

## **Material**

Contact material Contact plating Contact body material Housing material Locking material REACH SVHC

Au (gold) PBT (UL94 V-0) PUR CuZn (Brass nicke,I plated) CAS 7439-92-1 (Lead)

CuZn (brass)

#### **Product data sheet**

# Subminiature connectors



Product description M9 IP67 cable connector, Contacts: 5, shielded, moulded on cable, IP67, Shielded cable, PUR black, 5 x 0.25 mm<sup>2</sup>

Area M9 IP67 series 702
Order number 79 1413 12 05

### Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).