#### **Product data sheet**

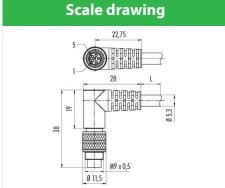
### Subminiature connectors

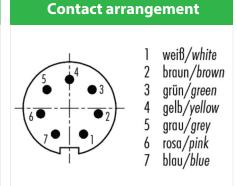


Product description M9 IP67 male angled connector, Contacts: 7, shielded, moulded on cable, IP67, PUR black, 7 x 0.14 mm<sup>2</sup>

M9 IP67 series 702 Order number 79 1421 72 07







# Technical data

#### **General values**

Connector design male angled connector Connector locking system Termination moulded on cable 0.14 mm<sup>2</sup> Wire gauge (mm) Wire gauge (AWG) 26 70 °C Upper limit temperature - 25 °C Lower limit temperature Customs tariff number 85444290 Packaging Unit 60

2 m

#### Cable data

Cable length Sheath material PUR Single-lead insulation PVC 18 x 0,10 mm mm Single-lead structure Cable diameter 5.3 mm Conductor resistance 75Ω/Km Temperature range, moving cable, °C from - 5 °C Temperature range, moving cable, °C to 70 °C Temperature range, fixed cable, °C from -25 °C Temperature range, fixed cable, °C to 70 °C Bending radius, fixed cable > 53 mm Bending radius, moving cable ≥ 80 mm

#### **Electrical values**

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

### **Material**

CuZn (brass) Contact material Contact plating Au (gold) PBT (UL94 V-0) Contact body material Housing material PUR

#### **Product data sheet**

# Subminiature connectors



Product description M9 IP67 male angled connector, Contacts: 7, shielded, moulded on cable, IP67, PUR black, 7 x 0.14 mm<sup>2</sup>

Area **M9 IP67 series 702**Order number **79 1421 72 07** 

## 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.

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