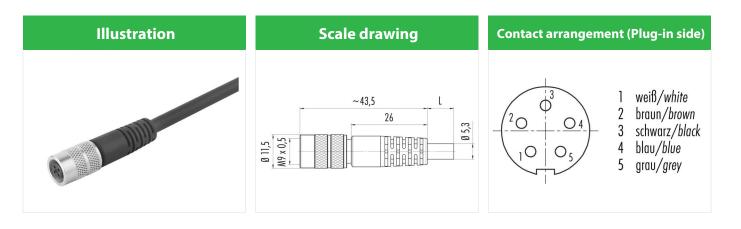
Product data sheet Subminiature connectors



Product description

M9 IP67 female cable connector, Contacts: 5, shielded, moulded on cable, IP67, Shielded cable, PUR black, 5 x 0.25 mm²

Area Order number M9 IP67 series 702 79 1414 12 05



Technical data

General values

Connector design Connector locking system Termination Wire gauge (mm) Wire gauge (AWG) Upper limit temperature Lower limit temperature Customs tariff number Packaging Unit

Cable data

Cable length 2 m Sheath material PUR Single-lead insulation PVC Halogen free No Single-lead structure Cable diameter Cable color black Conductor resistance Temperature range, moving cable, °C from -15°C Temperature range, moving cable, °C to -30°C Temperature range, fixed cable, °C from Temperature range, fixed cable, °C to Bending radius, fixed cable Bending radius, moving cable

female cable connector screw moulded on cable 0.25 mm² 24 70 °C 70 °C 85444290 50

2 m PUR PVC No 14 x 0,15 mm mm 5.3 mm black 75Ω/Km -15°C +80°C -30°C +80°C ≥ 7.5 x Ø ≥ 15 x Ø

Electrical values

Rated current (40 °C) Rated voltage Rated impulse voltage Pollution degree Overvoltage category Insulating material group Insulation resistance EMC compliance Degree of protection Mechanical operation

Material

Contact material Contact plating Contact body material Housing material Locking material REACH SVHC 3 A 125 V 1500 V 1 II $\geq 10^{10} \Omega$ shielded IP67 > 500 Mating cycles

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

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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).