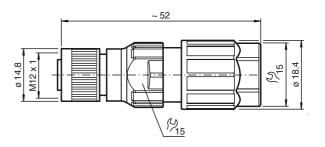


Dimensions



Model Number

V1-G-Q2

Field-attachable female QUICKON-ONE connector

Features

 Time-saving assembly with QUICK-ON-ONE technique

Function

It normally takes a lot of time to connect freely configurable M12 round connectors to the sensor cable. QUICKON can reduce this time to a minimum; the individual wire conductors do not have to be stripped anymore. For contacting, a blade contact cuts through the conductor insulation and applies contact to the wire strands. This contact is spring-loaded, vibration-proof and gas-tight.

The QUICKON M12 connector is available as a female or male 4-pin straight plug. In this way, individual sensor-actuator cables with several wires can be put together quickly and economically.

Technical data

General specifications

Number of pins

Electrical specifications

Ambient conditions

Ambient temperature -25 ... 80 °C (-13 ... 176 °F)

Pollution Degree 3

Mechanical specifications Degree of protection

Material
Contacts CuSn
Contact surface Ni/Au

Body PA 66, black

Slotted nut Zinc die-casting, nickel-plated

Seal NBR
Core insolation PVC/PE/PP

Cable

Sheath diameter 4 ... 8 mm

Cores Ø 1.3 ... 2.6 mm incl. insulation

Cross-section: 0.34 ... 0.75 mm²

Cable construction: Class 2-6 in accordance with VDE 0295

Mounting Max. tightening torque on the coupling nut: ≤ 1.2 Nm

IP65/IP67

Flammability 94 V-0

Note max. 10 connections possible to a cable of the same cross-section. After repeated cable connection it may be necessary to

tion. After repeated cable connection it may be necessary to

renew the seal and cap.

Electrical connection

