



Model Number

V1-G-Q2

Field-attachable female QUICKKON-ONE connector

Features

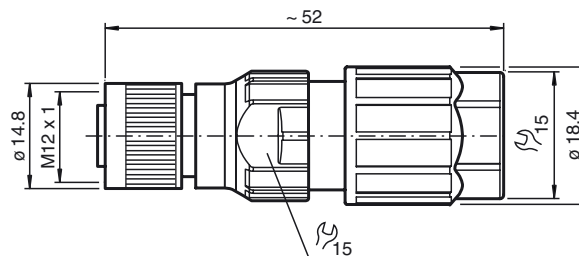
- Time-saving assembly with QUICKKON-ONE technique

Function

It normally takes a lot of time to connect freely configurable M12 round connectors to the sensor cable. QUICKKON 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 QUICKKON 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.

Dimensions



Technical data

General specifications

Number of pins	4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
UL File Number	E191152

Electrical specifications

Operating voltage	U_B	max. 250 V
Operating current	I_B	max. 4 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	-25 ... 80 °C (-13 ... 176 °F)
Pollution degree	3

Mechanical specifications

Degree of protection	IP65/IP67
Material	
Contacts	CuSn
Contact surface	Ni/Au
Body	PA 66, black
Slotted nut	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PVC/PE/PP
Cable	
Sheath diameter	4 ... 8 mm
Cores	\varnothing 1.3 ... 2.6 mm incl. insulation Cross-section: 0.34 ... 0.75 mm ² Cable construction: Class 2-6 in accordance with VDE 0295
Mounting	Max. tightening torque on the coupling nut: \leq 1.2 Nm
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 renew the seal and cap.

Electrical connection

