

#### **Model Number**

#### V1S-G-Q2

Field-attachable male QUICKON-ONE connector

## **Features**

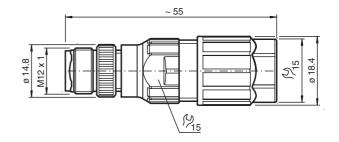
· Time-saving assembly with QUICK-**ON-ONE** technique

## 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.

# Dimensions



## **Technical data**

General specifications		
Number of pins		4
Electrical specifications		
Operating voltage	UB	max. 250 V
Operating current		max. 4 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		-25 80 °C (-13 176 °F)
Pollution Degree		3
Mechanical specifications		
Degree of protection Material		IP65/IP67
Contacts		CuSn
Contact surface		Ni/Au
Body		PA 66, black
Sleeve connector		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 mm <sup>2</sup> 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-sec- tion. After repeated cable connection it may be necessary to renew the seal and cap.

# **Electrical connection**



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