



Model Number

V1-G-Q2

Non pre-wired cable socket 'Quickon'

Features

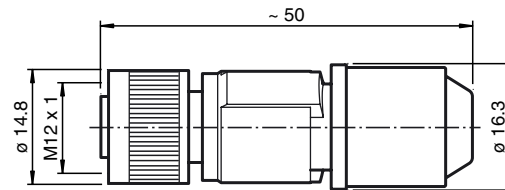
- Time-saving assembly with Quickon technique

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 poles	4
Construction type	Socket, straight

Electrical specifications

Operating voltage	max. 125 V
Operating current	max. 4 A
Volume resistance	< 5 mΩ

Ambient conditions

Ambient temperature	-25 ... 80 °C (248 ... 353 K)
Degree of soiling	3

Mechanical specifications

Protection degree	IP65/IP67
Material	
Contacts	CuSn
Contact surface	Ni/Au
Handle	PA 66, black
Slotted nut	plastic
Seal	NBR
Core isolation	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 ² Flexible lead construction: Class 2-6 in accordance with VDE 0295
Mass	12.8 g
Mounting	Max. tightening torque on the union nut: ≤ 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

