

**Model Number****IQT2-18GM-R4-V1**

Read/write station

Features

- Operating frequency 13.56 MHz
- Complies with ISO 14443
- Read/write head with thread M18 x 1
- Connection via V1 (M12 x 1) plug connection
- Multihole-LED for function display
- Degree of protection IP67
- Connection via integrated RS-485 interface

Accessories**V1-G-5M-PUR-ABG-V1-W**

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

V1-G-10M-PUR-ABG-V1-W

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

IQC42-C1

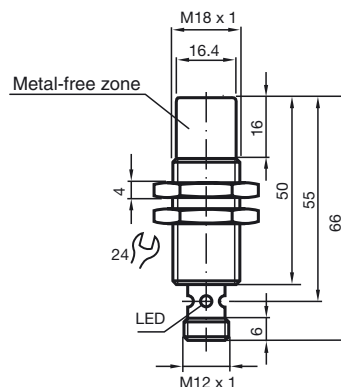
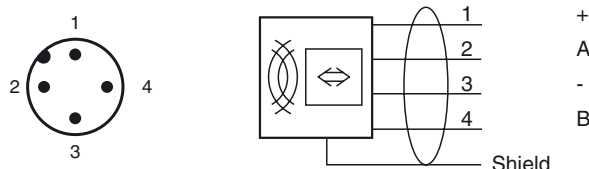
Data carrier

IQC43-30

Data carrier

IQC43-50

Data carrier

Dimensions**Electrical connection****Technical data****General specifications**

Operating frequency	13.56 MHz
Transfer rate	106 kBit/s
Sensing range	
Read distance	0 ... 22 mm
Write distance	0 ... 22 mm
Width	max. 40 mm

Indicators/operating means

LED green/yellow	Multihole-LED: green: power on green flashing: read/write attempt performed yellow: data carrier detected
------------------	--

Electrical specifications

Power consumption	P_0	≤ 1.3 W
-------------------	-------	---------

Interface

Physical	RS-485 point-to-point connection
Protocol	ASCII
Transfer rate	1200, 2400, 4800, 9600, 19200, 38400 (default) Bit/s
Cable length	≤ 3 m

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Degree of protection	IP67
Connection	M12 x 1 connector
Material	
Housing	PBT/stainless steel
Encapsulation compound	CY 221/HY 2966
Installation	non-flush
Distance between two heads	≥ 80 mm

Mass	approx. 40 g
------	--------------

Compliance with standards and directives

Directive conformity	
R&TTE Directive 1995/5/EC	EN 301489-1 V1.8.1 (2008-04), EN 301489-3 V1.4.1 (2002-08), EN 300330-2 V1.3.1 (2006-04), EN 60950-1:2006
Standard conformity	
Degree of protection	EN 60529:2000



RFID

ISO/IEC 14443-2:2010, ISO/IEC 14443-3:2001

Release date: 2017-07-17 13:24 Date of issue: 2017-08-09 265988_eng.xml