

**Model Number****IQT-F116-R4-V1**

HF R/W system, ISO 15693

Features

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- Connection via V1 (M12 x 1) plug connection

Accessories**IQC21-30P**

Data carrier

IQC21-50P

Data carrier

IQC21-50F-T10

Data carrier

IQC21-58

Data carrier

IQC22-C1

Data carrier

IQC22-C4

Data carrier

IQC22-C5

Data carrier

IQC22-22-T9

Data carrier

IQC22-22CT-T9

Data carrier

IQC22-C1 UNPRINTED

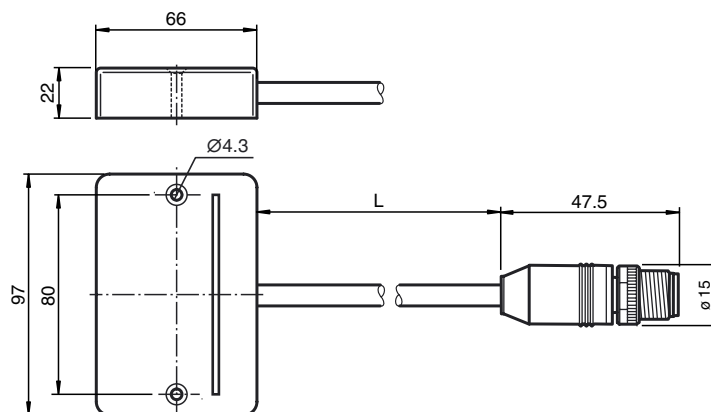
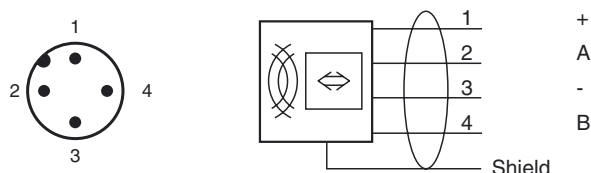
Data carrier

IQC21-50PVC

Data carrier

IQC21-F125

Data carrier

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

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Sensing range	
Read distance	0 ... 130 mm
Write distance	0 ... 130 mm
Width	max. 100 mm
UL File Number	E87056

Electrical specifications

Rated operating voltage	U_e	10 ... 26 V DC, ripple 10 % $_{SS}$, limited power source (EN 60950)
Power consumption	P_0	≤ 1.2 W

Interface

Physical	RS-485 point-to-point connection
Protocol	ASCII
Transfer rate	38400 Bit/s
Cable length	≤ 3 m

Ambient conditions

Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)

Mechanical specifications

Degree of protection	IP54
Connection	M12 x 1 connector
Material	
Housing	POM
Encapsulation compound	WEVO 403FL/300
Mass	approx. 100 g
Cable length	20 cm

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	
Electromagnetic compatibility	EN 61000-6-2, EN 61000-6-4
Degree of protection	EN 60529
RFID	ISO/IEC 15693-2:2006, ISO/IEC 15693-3:2009, ISO/IEC 18000-3



Notes

Power supply:

The device must only be operated with a current source of limited power according EN 60950.

Release date: 2015-04-16 10:00 Date of issue: 2015-04-29 202102_eng.xml