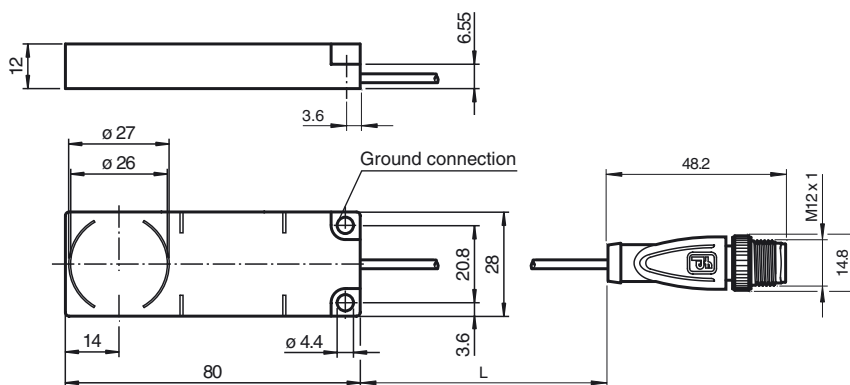
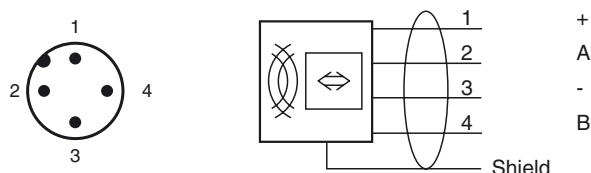


**Model Number****IQT1-F61-R4-V1**

HF R/W system, ISO 15693

Features

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- Suitable for FRAM transponder
- Particularly flat construction
- Connection cable with V1 plug (M12 x 1)
- Degree of protection IP67
- Can be mounted on metal

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

| | |
|----------------------|-------------|
| Operating frequency | 13.56 MHz |
| Transfer rate | 26 kBit/s |
| Sensing range | |
| Read distance | 0 ... 50 mm |
| Write distance | 0 ... 50 mm |
| Width | max. 45 mm |
| UL File Number | E87056 |

Electrical specifications

| | | |
|-------------------------|-------|---|
| Rated operating voltage | U_e | 10 ... 30 V DC, ripple 10 % _{SS} , limited power source (EN 60950) |
| Power consumption | P_0 | ≤ 1.3 W |

Interface

| | |
|---------------|----------------------------------|
| Physical | RS-485 point-to-point connection |
| Protocol | ASCII |
| Transfer rate | 38400 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 | ABS |
| Encapsulation compound | WEVO 403FL/300 |
| Installation | |
| Distance between two heads | ≥ 150 mm |

| | |
|--------------|--------------|
| Mass | approx. 60 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 60529:2000 |

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 to EN 60950.

Preferences:

Interface transfer rate: 38400 bps

Port settings: 8 data bits, no parity, 1 stop bit, no handshake

Transpondertype: 20

Accessories**IQC21-8 10pcs**

Data carrier

IQC21-10 10pcs

Data carrier

IQC21-12.4 10pcs

Data carrier

IQC21-16 50pcs

Data carrier

IQC21-30P

Data carrier

IQC21-50P

Data carrier

IQC21-58

Data carrier

IQC21-C1

Data carrier

IQC21-F125 10pcs

Data carrier

IQC22-22-T9

Data carrier

IQC22-22CT-T9

Data carrier

IQC22-C1

Data carrier

IQC22-C4

Data carrier

IQC24-27-T12

Data carrier

IQC31-22-T9

Data carrier

IQC33-10 10pcs

Data carrier

IQC33-20

Data carrier

IQC33-30

Data carrier

IQC33-50

Data carrier

IQC21-50PVC

Data carrier

IQC21-F125

Data carrier

IQC33-20CT

Data carrier

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