

**Model Number**

IQT-F116-R4M-V1

Read/write station

**Features**

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- Connection via V1 (M12 x 1) plug connection
- RS 485 Multidrop

**Accessories**

**IQC21-30P**  
Data carrier

**IQC21-50P**  
Data carrier

**IQC21-50F-T10**  
Data carrier

**IQC21-58**  
Data carrier

**IQC22-C1**  
Data carrier

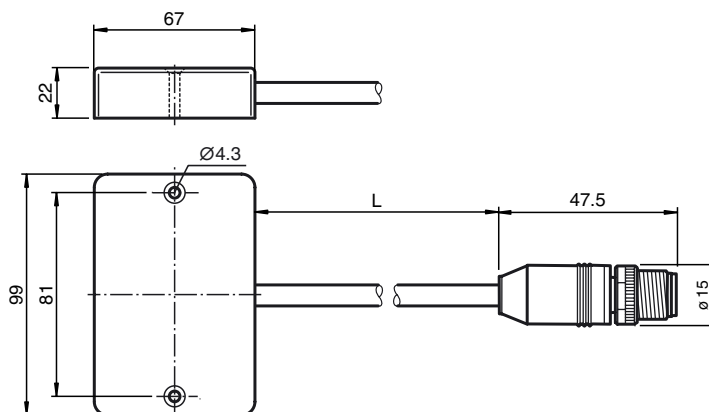
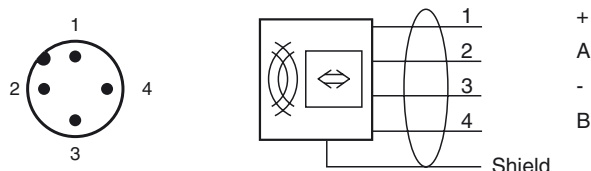
**IQC22-C4**  
Data carrier

**IQC22-C5**  
Data carrier

**IQC22-22-T9**  
Data carrier

**IQC22-22CT-T9**  
Data carrier

**IQC22-C1 UNPRINTED**  
Data carrier

**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	$U_e$	17.5 ... 30.6 V DC, ripple 10 % <sub>SS</sub> , limited power source (EN 60950)
Power consumption	$P_0$	≤ 1.2 W

**Interface**

Physical	RS 485 multidrop
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**

Protection degree	IP67
Connection	M12 x 1 connector
Material	
Housing	PBT
Encapsulation compound	WEVO 403FL/300
Mass	approx. 100 g
Cable length	20 cm

**Compliance with standards and directives**

<b>Directive conformity</b>		
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
<b>Standard conformity</b>		
Electromagnetic compatibility		EN 61000-6-2, EN 61000-6-4
Protection degree		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.

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