



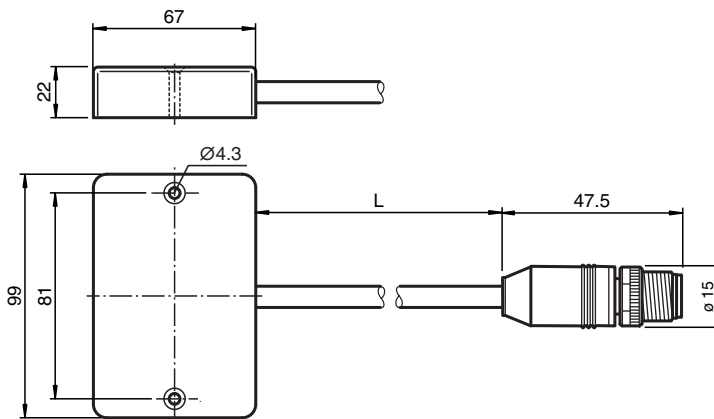
Read/write station IQT-F116-R4M-V1

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

HF R/W system, ISO 15693



Dimensions



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 % _{SS} , limited power source (EN 60950)
Power consumption	P_0 ≤ 1.2 W
Mag. Field strength	<19 dB μ A/m at 10 m
Interface	
Physical	RS-485 multidrop
Protocol	ASCII
Transfer rate	38400 Bit/s

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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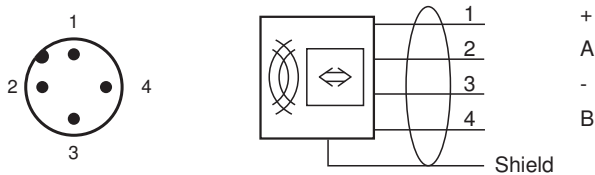
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PEPPERL+FUCHS







Technical Data

Cable length	≤ 3 m
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
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP67
Connection	M12 x 1 connector
Material	
Housing	PBT
Encapsulation compound	WEVO 403FL/300
Mass	approx. 200 g
Cable length	20 cm

Connection



Accessories

	IQC21-30P	Data carrier
	IQC21-50P	Data carrier
	IQC21-50F-T10	Data carrier
	IQC21-58	Data carrier
	IQC22-C1	Data carrier
	IQC21-50PVC	Data carrier

Operation

Power supply:

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