

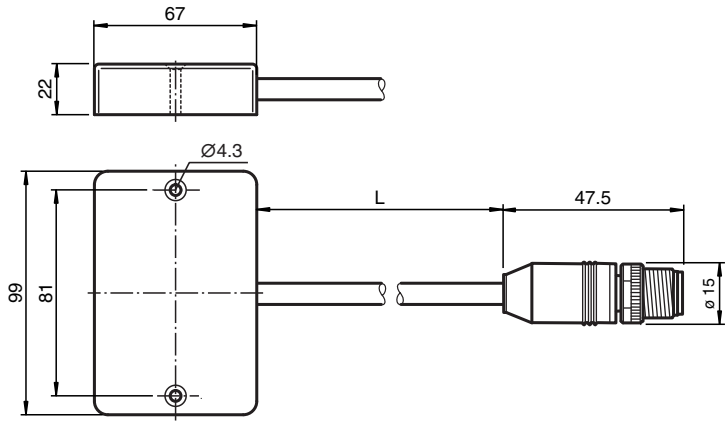
Read/write station

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

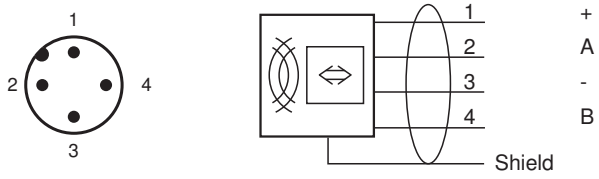
General specifications		
Operating frequency		13.56 MHz
Transfer rate		26 kBit/s
Sensing range		
Read distance		0 ... 130 mm
Write distance		0 ... 130 mm
Width		max. 100 mm
UL File Number		E87056
Electrical specifications		
Rated operating voltage	U_e	17.5 ... 30.6 V DC , ripple 10 $\%_{SS}$, limited power source (EN 60950)
Power consumption	P_0	≤ 1.2 W
Mag. Field strength		<19 dBµA/m at 10 m
Interface		
Physical		RS-485 multidrop
Protocol		ASCII
Transfer rate		38400 Bit/s

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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

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Operation

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

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