



Model Number

IQH-F116-V1-Y208092

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

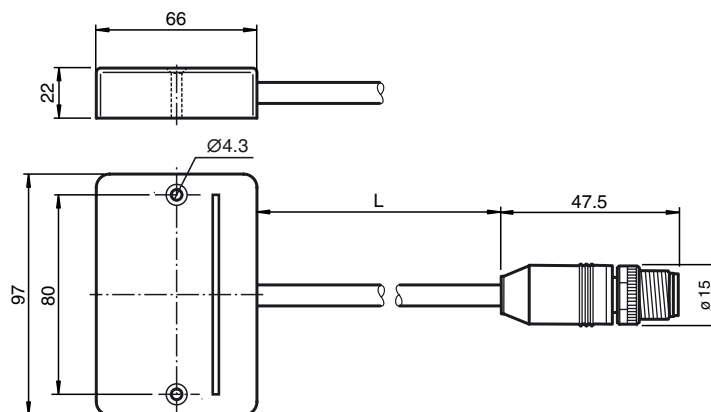
IQC22-22-T9
Data carrier

IQC22-22CT-T9
Data carrier

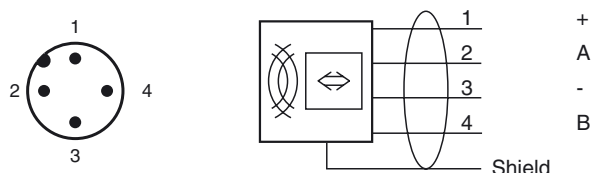
IQC21-50PVC
Data carrier

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} , PELV
Power consumption	P_0	≤ 1.2 W
Supply		from the IDENTControl

Interface

Cable length	≤ 3 m
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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
Installation	
Distance between two heads	Multiplex on: ≥ 100 mm Multiplex off: ≥ 150 mm
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 208092_eng.xml