Dimensions

Electrical connection

1	+
2	A
3	-
4	B
	Shield

Model Number

IQH2-F61-V1

HF read/write head, ISO 14443, for IDENT*Control*

Features

- Operating frequency 13.56 MHz
- Complies with ISO 14443
- Particularly flat construction
- Connection cable with V1 plug (M12 x 1)
- Degree of protection IP67
- Can be mounted on metal
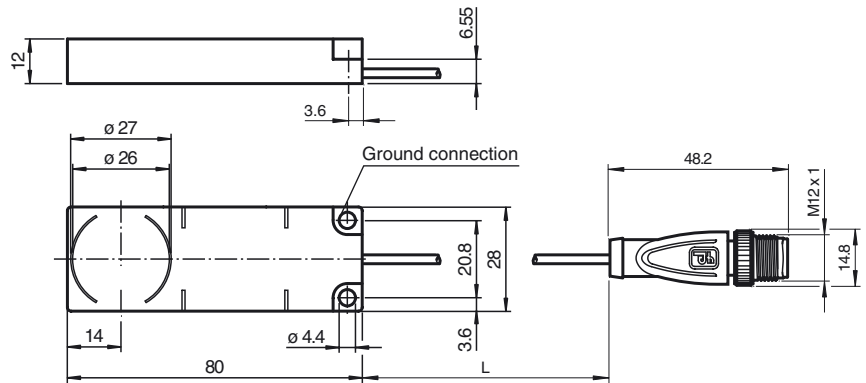- For connection to IDENT*Control* control interface

Accessories

V1-G-5M-PUR-ABG-V1-W
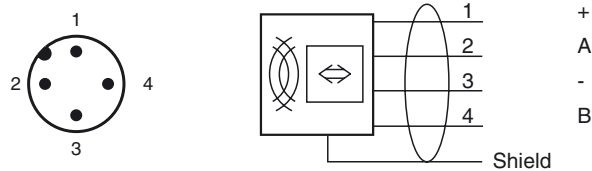Connecting cable, M12 to M12, PUR cable 4-pin, shielded

V1-G-10M-PUR-ABG-V1-W
Connecting cable, M12 to M12, PUR cable 4-pin, shielded

Technical data

General specifications		
Operating frequency		13.56 MHz
Transfer rate		106 kBit/s
Sensing range		
Read distance		0 ... 35 mm
Write distance		0 ... 35 mm
Width		max. 45 mm
Indicators/operating means		
LED green/yellow		green: power on green flashing: read/write attempt performed yellow: data carrier detected
Electrical specifications		
Power consumption	P_0	≤ 1.3 W
Supply		from the IDENTControl
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		Multiplex on: ≥ 100 mm Multiplex off: ≥ 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		
Degree of protection		EN 60529:2000
RFID		ISO/IEC 14443-2:2010, ISO/IEC 14443-3:2001

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

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