



Read/write head

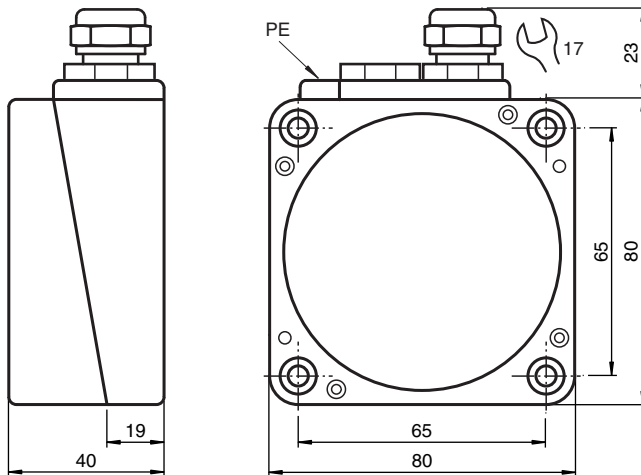
IQH1-FP7V4A

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- Suitable for FRAM transponder
- Dual-LED for function display
- Stainless steel housing
- Resistant against cleaning material
- Connection via terminal compartment
- Degree of protection IP67 / IP68 / IP69K
- For connection to IDENTControl control interface

HF read/write head, ISO 15693, for IDENTControl



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

Functional safety related parameters

MTTF _d	220 a
Mission Time (T _M)	10 a
Diagnostic Coverage (DC)	0 %

Indicators/operating means

LED green/yellow	green: power on green flashing: read/write attempt performed yellow: data carrier detected
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Electrical specifications

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

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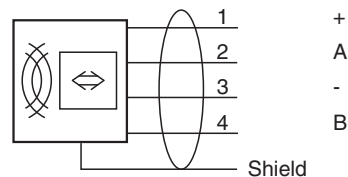
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Technical Data

Power consumption	P_0	$\leq 1.3 \text{ W}$
Supply		from the IDENTControl
Directive conformity		
Radio equipment		
Directive 2014/53/EU		EN 301489-1 EN 301489-3 EN 300330 EN 62368-1 EN 50364
RoHS		
Directive 2011/65/EU (RoHS)		EN 50581
Standard conformity		
Degree of protection		EN 60529
RFID		ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Degree of protection		IP69K
Connection		terminal compartment, $\leq 2.5 \text{ mm}^2$ conductor csa
Material		
Housing		PBT
Base		stainless steel V4A
Encapsulation compound		CY 221/HY 2966
Installation		
Distance between two heads		Multiplex on: $\geq 100 \text{ mm}$ Multiplex off: $\geq 150 \text{ mm}$
Mass		approx. 700 g

Connection



Accessories

	IC-KP-B6-V15B	187.5 kBit/s
	IC-KP-B6-V15B	Control interface unit IDENTControlwith PROFIBUS DP interface
	IC-KP-B17-AIDA1	IDENTControl control interfaceWith Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	IC-KP2-2HRX-2V1	Control interface unit IDENTControl Compactwith serial interface RS-232 and RS-485
	IC-KP2-2HRX-2V1	DP 1

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










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Accessories

	IC-KP2-2HB6-V15B	Protocol
	IC-KP2-2HB6-V15B	Control interface unit IDENTControl Compactwith PROFIBUS DP interface
	IC-KP2-2HB17-2V1D	IDENTControl Compact control interfaceWith Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	IC-KP2-2HB17-2V1D	1 MBit/s
	IC-KP2-2HB21-2V1D	Control interface unit IDENTControl Compactwith EtherCAT interface
	IQC21-16 50pcs	Data carrier
	IQC21-30 25pcs	Data carrier
	IQC21-50F-T10	Data carrier
	IQC21-58	Data carrier
	IQC22-22-T9 50pcs	Data carrier
	IQC33-20 50pcs	Data carrier
	IQC33-30 25pcs	Data carrier
	IQC33-50 25pcs	Data carrier
	V1-G-2M-PUR-ABG-V1-W	Connecting cable, M12 to M12, PUR cable 4-pin, shielded
	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

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