

IQH1-18GM-V1



- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- Suitable for FRAM transponder
- Read/write head with thread M18 x 1
- Connection via V1 (M12 x 1) plug connection
- Multihole-LED for function display
- Degree of protection IP67
- For connection to IDENTControl control interface

HF read/write head, ISO 15693, for IDENTControl

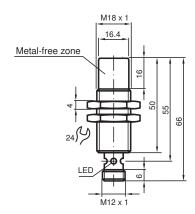








Dimensions



Technical Data

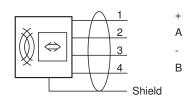
General specifications	
Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Sensing range	
Read distance	0 50 mm
Write distance	0 50 mm
Width	max. 45 mm
UL File Number	E87056 only from low voltage, limited energy source (SELV or PELV) or listed Class 2 source
Functional safety related parameters	
MTTF _d	750 a
Mission Time (T _M)	10 a
Diagnostic Coverage (DC)	0 %
Indicators/operating means	
LED green/yellow	Multihole-LED: green: power on green flashing: read/write attempt performed yellow: data carrier detected
Electrical specifications	

Technical Data

Supply Directive conformity Radio equipment Directive 2014/53/EU Bin 301489-1 EN 301489-1 EN 301489-1 EN 301489-1 EN 50364 ROHS Directive 2011/65/EU (RoHS) EN 50581 Standard conformity Degree of protection EN 60529 RFID SO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 15693-3 ISO/IEC 15693-3 ISO/IEC 1690-3 ISO/IEC 1690-3 ISO/IEC 1900-3 Approvals and certificates FCC approval Approval Caution: Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. KCC approval Ambient conditions Ambient temperature -25 70 °C (-13 158 °F) -40 85 °C (-40 185 °F)			
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EN 301489-3 EN 30030 EN 62368-1 EN 50364 RoHS Directive 2011/65/EU (RoHS) EN 50581 Standard conformity Degree of protection EN 60529 RFID SO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 16900-3 Approvals and certificates FCC approval This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device may not cause harmful interference, and (2) This device may not cause harmful interference received, including interference that may cause undesired operation. Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. KCC approval Ambient conditions Ambient temperature 4085 °C (-40185 °F) Storage temperature 4085 °C (-40185 °F) Mechanical specifications Degree of protection Degree of protection Material Housing PBT/stainless steel Encapsulation compound OY 221/HY 2966 Installation non-flush Distance between two heads Multiplex off: ≥ 80 mm Multiplex off: ≥ 80 mm Multiplex off: ≥ 80 mm	Radio equipment		
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Multiplex off: ≥ 80 mm	Installation		non-flush
Mass approx. 40 g	Distance between two heads		
	Mass		approx. 40 g

Connection





Accessories

	IC-KP-B6-V15B	Control interface unit IDENTControl with PROFIBUS DP interface
	IC-KP-B17-AIDA1	IDENTControl control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols

Access	sories	
	IC-KP2-2HRX-2V1	Control interface unit IDENTControl Compactwith serial interface RS-232 and RS-485
	IC-KP2-2HB6-V15B	Control interface unit IDENTControl Compact with interface for PROFIBUS DP
	IC-KP2-2HB17-2V1D	IDENTControl Compact control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	IC-KP2-2HB21-2V1D	Control interface unit IDENTControl Compact with EtherCAT interface
	IQC21-8 10pcs	Data carrier
	IQC21-10 10pcs	Data carrier
	IQC21-12.4 10pcs	Data carrier
•	IQC21-50F-T10	Data carrier
•	IQC21-58	Data carrier
	IQC22-22-T9 50pcs	Data carrier
Foreign Anguare SOCIOS-20 Port No. 3000d Mark - Tomas C C	IQC33-20 50pcs	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
	IQC33-50 25pcs	Data carrier
Propose space CE Land Color	IQC21-50 25pcs	Data carrier
Communication of the second of	IQC33-30 25pcs	Data carrier
Topping and Difference of the	IQC21-30 25pcs	Data carrier
	IQC21-16 50pcs	Data carrier
	IQC21-10	Data carrier

Safety Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.