



RFID read/write device hazardous area

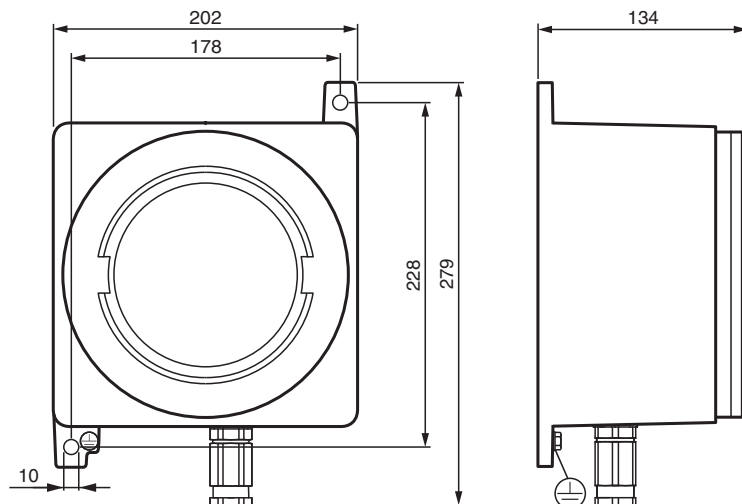
IQH1-FP-V1-Ex GUBW1

- Read/Write Head for Hazardous Areas
- Flameproof enclosure
- ATEX-approval for zone 1 and zone 21
- For connection to IDENTControl control interface

HF RFID read/write device for hazardous areas, ISO 15693, for IDENTControl



Dimensions



Technical Data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Operating distance	typ. 40 mm

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

Power consumption	P_0	$\leq 1.3 \text{ W}$
Supply		from the IDENTControl

Directive conformity

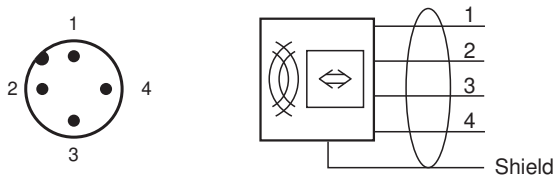
Radio equipment	
Directive 2014/53/EU	EN 301489-1 EN 301489-3 EN 300330 EN 62368-1 EN 50364

RoHS

Technical Data

Directive 2011/65/EU (RoHS)		IEC/EN 63000
Standard conformity		
Degree of protection		EN 60529
RFID		ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3
Approvals and certificates		
IECEx approval		IECEx INE 14.0042X
ATEX approval		INERIS 14 ATEX 0035X Device type: GUBW1.D.CP-IQH1-FP-V1 Device number: 70117532
Marking		Ⓔ II 2 GD Ex db IIC T6 Gb Ex tb IIIC T85°C Db
Ambient conditions		
Ambient temperature		-25 ... 55 °C (-13 ... 131 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Housing length		279 mm
Housing width		202 mm
Housing height		134 mm
Degree of protection		IP66
Connection		Terminal block with screw connection Max. clamping range 0.13 mm ² ... 2.5 mm ² M20 barrier gland for unarmored cables, clamping range 3 mm ... 8.5 mm
Material		
Housing		Seawater-resistant aluminum
Installation		
Distance between two heads		Multiplex on: ≥ 155 mm Multiplex off: ≥ 350 mm
Mass		approx. 6900 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
	IC-KP2-2HRX-2V1	Control interface unit IDENTControl Compact with serial interface RS-232 and RS-485
	IC-KP2-2HB6-V15B	Control interface unit IDENTControl Compact with interface for PROFIBUS DP

Accessories

	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
	IQC21-16 50pcs	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
	IQC21-50 25pcs	Data carrier
	IQC21-30 25pcs	Data carrier
	IQC21-30-EX smart-DOME 50pcs	Data carrier for hazardous area