



## RFID read/write device hazardous area

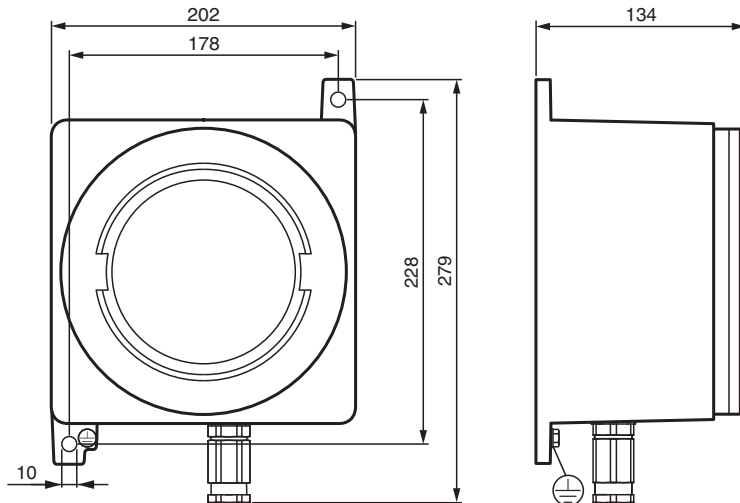
### IQH1-FP-V1-Ex GUBW1

- 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	$P_0$	$\leq 1.3$ W
Supply	from the IDENTControl	

### Directive conformity

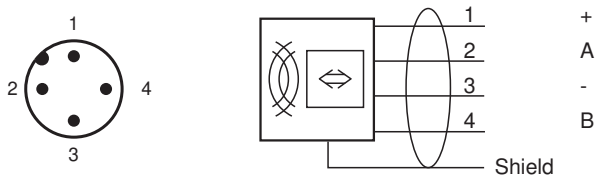
Radio equipment	
Directive 2014/53/EU	EN 301489-1 EN 301489-3 EN 300330 EN 62368-1 EN 50364

RoHS

## Technical Data

Directive 2011/65/EU (RoHS)	IEC/EN 63000
<b>Standard conformity</b>	
Degree of protection	EN 60529
RFID	ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3
<b>Approvals and certificates</b>	
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
<b>Ambient conditions</b>	
Ambient temperature	-25 ... 55 °C (-13 ... 131 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
<b>Mechanical specifications</b>	
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 <sup>2</sup> ... 2.5 mm <sup>2</sup> 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

	<b>IC-KP-B6-V15B</b>	Control interface unit IDENTControl with PROFIBUS DP interface
	<b>IC-KP-B17-AIDA1</b>	IDENTControl control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	<b>IC-KP2-2HRX-2V1</b>	Control interface unit IDENTControl Compact with serial interface RS-232 and RS-485
	<b>IC-KP2-2HB6-V15B</b>	Control interface unit IDENTControl Compact with interface for PROFIBUS DP

## Accessories

	<b>IC-KP2-2HB17-2V1D</b>	IDENTControl Compact control interface with Ethernet interface for TCP/IP, PROFINET, EtherNet/IP, and MODBUS TCP protocols
	<b>IC-KP2-2HB21-2V1D</b>	Control interface unit IDENTControl Compact with EtherCAT interface
	<b>IQC21-16 50pcs</b>	Data carrier
	<b>IQC21-50F-T10</b>	Data carrier
	<b>IQC21-58</b>	Data carrier
	<b>IQC22-22-T9 50pcs</b>	Data carrier
	<b>IQC33-20 50pcs</b>	Data carrier
	<b>IQC33-30 25pcs</b>	Data carrier
	<b>IQC33-50 25pcs</b>	Data carrier
	<b>IQC21-50 25pcs</b>	Data carrier
	<b>IQC21-30 25pcs</b>	Data carrier
	<b>IQC21-30-EX smart-DOME 50pcs</b>	Data carrier for hazardous area