

Industrial proximity reader

Product reference:

RRS



Description and use

- ➔ transponder reader using 125 kHz (EM 4102, EM 4150, HITAG-1 and HITAG-2) or 13,56MHz (MIFARE) transponders
- ➔ dedicated for use in rugged areas such as chemical plants, gas filling stations, refinery, mining, onshore and offshore facilities
- ➔ applicable to access control or tracking solutions

Technical specifications

Transponder types	EM 4102, EM 4150, HITAG-1, HITAG-2, MIFARE
Operating frequency	125KHz or 13.56 MHz
Maximum read distance	up to 50 mm (depending on transponder size)
LED display / Buzzer	red—green status LED / approx. 90dB
Antenna	integrated
Interface-Communication protocol	RS422, serial asynchronous, 9600 bauds—proprietary protocol (TIL V3.1)
Power supply	12V to 24V DC
Consumption	70 mA (12V) - 35 mA (24V)
Dimension / weight	approx. 88 x 121x 62 mm/ approx. 500 gr.
Operating temperature range	-20°C to +40°C
Housing	Polycarbonate, IP66 enclosure, cable gland: ISO M25

Related products



ATEX passive RFID tags