

ATEX EXPLOSION PROOF PROXIMITY CARD READER

IP66 ATEX proximity card reader Wiegand at 125KHz or 13,57MHz for tank terminal facilities



Model EXPROX-001
ATEX certified proximity card reader

FEATURES AND BENIFITS

- Small design, allows easy integration
- ATEX approval II 2 G / Ex db IIC T6 Gb and ATEX II 2 D / Ex tb IIIC T85°C IP66
- Includes one (1) explosion proof gland for entering reader cable.
- Clear LED indication indicating acceptance of card. (Green, red)
- Pre-assembled with screw terminals for easy field connection.

The model EXPROX-001 is an explosion proof proximity card reader suitable for applications on tank terminal area or any other area which has ATEX classified zones.

The model EXPROX-001 can be provided with an 125KHz or 13,57MHz reader and requires connection to a door controller unit (*Not included in this part number*) which will provide also the required power supply for the EXPROX-001 reader. No external power supply to the reader is allowed.

Specifications.

General

Construction : Marine grade copper free grey coloured aluminium housing. Painted marine coating RAL6024 (green).
 Mounting : Wall mounted with two hinges. Use bolt M8.
 Glands : One (1) explosion proof gland 3/4" NPT.
 Protection : ATEX II 2 G / Ex db IIC T6 Gb and ATEX II 2 D / Ex tb IIIC T85°C IP66.
 Connection : by screw terminal max 0,5mm2.
 Dimensions (ØxD) : 160x144mm
 Shipping weight/net : 3kg/2,14Kg including gland.

Card reader : AY-K12C

Power : 5-16VDC at 60/120mA (Standby/Read).
Linear power supply recommended.....

Format : Wiegand 26-bit, Clock & data.
 RF modulation ASK at 125KHz.

Reading distance : 6 cm (passive cards)

Temperature range :-31°C to +63°C and 95% humidity non condensing.....

Indicator :Acceptance LED green/red. Beeper included.....

AY-K6255

8 -16VDC at 55/80mA

Transmit freq. 13,56MHz

Mifare. Multi-format Wiegand 26-bits
 2 cm