Javelin S870-EX-KP
Proximity Card Reader
Datasheet

KEY FEATURES

- Proximity access control card reader for a wide range of security applications

- Designed to fit most standard electrical back boxes

- Maximum read range of 4" (102mm) dependent on card

- Reads 125KHz HID proximity cards

- Secure, bi-directional, pseudo-random supervised MCLP communications

- Wiegand output

- Integrated door pre-held warning buzzer

- Multi-tone audio sounder for access granted, denied and PIN prompt

- LED feedback for verification of card accepted or rejected

- Three color LED alert status indication

- Operating Environment of -40°F to +158°F (-40°C to +70°C)

- IP67 when fitted with the supplied gasket, IP57 when not fitted with the gasket

The Javelin S870-EX-KP is a proximity card reader with keypad designed for extreme weather conditions and environments for integrated access control. The attractive, contemporary black and silver finish is designed to complement any office or building environment.

The Javelin S870-EX-KP reads 125KHz HID proximity cards.

The Javelin S870-EX-KP is designed for use with the Symmetry range of door controllers and is compatible with all versions of Symmetry software.

The Javelin S870-EX-KP uses secure, bi-directional, pseudo-random supervised MCLP communications to the door controller. Both the card reader and cable are supervised, and an alarm will be generated if the card reader is tampered with, or communications lost.

Wiegand communication is also supported between the card reader and controller.

EXTREME ENVIRONMENT

The membrane keypad has been designed to allow the S870–EX-KP card reader to operate in extreme weather conditions, enabling full functionality in heavy rain, seawater, freezing and snowy conditions.

This readers IP ratings represent:

- IP67:Dust Tight, Protected against the effects of temporary immersion in water
- IP57:Dust Protected, Protected against the effects of temporary immersion in water

SPECIFICATIONS

Model Types

- Javelin S870-EX-KP - HID 125KHz keypad proximity card reader

Communicating Distances

- All Symmetry door controllers to Symmetry S870 (MCLP) = 3000 ft/1000m

- All Symmetry door controllers to Symmetry S870 (Wiegand) = 500 ft/150m

Dimensions Inches (mm)

- Width = 3.5" (85mm)

- Height = 4.4" (113mm)

- Depth = 0.9" (23mm)

Operating Environment

- -40°F to +158°F (-40°C to +70°C)

- 15% to 90% humidity, non-condensing

- IP67 when fitted with the supplied gasket, IP57 when not fitted with the gasket

Power Requirements

- Nominal 12VDC (9-14V)

- Maximum current consumption 120mA

APPROVALS

Radio Regulatory Approvals

- FCC CFR47 Part 15C

- EN 302291

EMC Type Testing

- EN 301489

Access Control Product Testing

- IP44: R & TTE Directive 1999/5/E

- UL 294

PURCHASING INFORMATION

- 870-EX-KP – keypad proximity card reader for extreme conditions

3.5'' (85 mm)

4.4'' (113 mm)

0.9'' (23 mm)

3.5'' (85 mm)