DATASHEET

Javelin S880-KP

Proximity Card Reader

Key Features

Combined access control reader and intrusion keypad with software messaging control

Designed to fit most standard electrical back boxes

Four-line, 20-character graphical display

Programmable display through Symmetry software

Tailored soft keys for the intrusion management module

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

Wiegand output (restricted functionality)

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

Integrated door pre-held warning buzzer

Reads 125KHz HID proximity cards

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

LCD for verification of card accepted or rejected

PIN prompt and verification of command functions initiated through reader keypad

Product Overview

The Javelin S880-KP is a proximity card reader with LCD display and keypad designed for integrated access control and intrusion management. Primarily for high security areas, the Javelin S880-KP can operate as a standard access control reader or as a fully functional, intelligent alarm keypad with flexible intrusion alarm management capabilities. A single action of presenting a card at a reader can disarm the area behind the door (if authorized to do so) and unlock the door.

The Javelin S880-KP reads 125KHz HID proximity cards.

The Javelin S880-KP is designed for use with the Symmetry range of door controllers and is compatible with all versions of Symmetry software from version 6 and above. Symmetry version 7 and M2150 door controllers are required for the intrusion management features and advanced display options.

The reader keypad and display are backlit for ease of use and a range of power saving modes are included, providing the option to reduce the lighting levels when the reader is not in use.

The Javelin S880-KP uses secure, bi-directional, pseudo-random supervised communications to the door controller. Both the reader and cable are supervised, and an alarm will be generated if the reader is tampered with, or communications lost. Wiegand communication is also supported between the reader and panel.

Javelin S880-KP
Proximity Card Reader

Three color LED alert status indication

Backlight dim/turn off energy saving presets

Removes the need for a separate intrusion keypad for SCIF applications

The Javelin S880-KP reader includes a graphical display for local intrusion management of areas and zones. Access control and intrusion messaging such as PIN prompts, door information and intrusion area alarm status is displayed using configurable text, icons and user-friendly graphical images.

Specifications

Model Types
- Javelin S880-KP - HID 125KHz proximity card reader and integrated alarm keypad

Dimensions Inches (mm)
- Width = 4.4" (113mm)
- Height = 6.0" (153mm)
- Depth = 1.2" (30mm)

Operating Environment
- 32°F to +120°F (0°C to +49°C)
- 15% to 90% humidity, non-condensing

Communication Distances
- All Symmetry door controllers to Symmetry S880-KP (MCLP) = 3000 ft/1000m
- All Symmetry door controllers to Symmetry S880-KP (Wiegand) = 500 ft/150m

Power Requirements
- Nominal 12VDC (9-14V)
- Maximum current consumption 250mA

Purchasing Information

880-KP Javelin card reader with display 125KHz

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
- UL 1076

1-800-889-9138 | sales@amag.com | www.amag.com