

AY-J12

Mini Mullion Proximity Reader



AY-J12 is a powerful RFID proximity card reader of 125 KHz cards and tags, featuring Wiegand 26-Bit output format and a read range of up to 100 mm (3.94 inches). With a sleek design and a tough, UV-resistant and water-resistant casing, the AY-J12 is equally suited to indoor and outdoor use, and is both economical and reliable.

The AY-J12 is certified for compliance with all leading International Safety and Access Control standards.

AY-J12 Mini Mullion Proximity Reader

General Description

The AY-J12 with Wiegand 26-Bit output format reads RFID 125 KHz ASK-type EM cards from a range of up to 100 mm (3.94")*.

Designed for easy mounting with hidden screws (security screws may be used to enhance strength) and cover. Optical tamper adds protection against wall removal, and the buzzer adds audible RFID card read notification. LED control provides system based information to the end user.

The AY-J12 is crafted to the highest manufacturing standards out of the finest materials under ISO 9001:2000 Certified Quality standards.

Feature Highlight

- Wiegand 26 Bit output format
- Excellent RFID card read range up to 100 mm (3.94").
- Wide range operating voltage: 5 to 16 VDC.
- 60 cm (23.6") shielded interface cable.
- Backed by Rosslare's International Guarantee and service with ISO9001 (Certified TUV Rhineland) level business and manufacturing operations.

PROFESSIONAL GRADE FEATURES

- RF Modulation: ASK at 125 kHz.
- Internal buzzer.
- LED color control input.
- Optical wall tamper detection.
- Water-resistant with epoxy potting (IP65) suitable for indoor and outdoor applications.
- Made of tough polycarbonate UV-resistant plastic.
- Comes with mounting template for easier installation.

Technical Specification

Electrical

Characteristics

Operating Voltage Range	5-16 VDC, from a regulated power supply.
Input Current	Standby: 35mA at 12 VDC Maximum: 50mA at 12 VDC
LED Control	Dry Contact, N.O.
Proximity	Maximum read range*: 100mm (3.94") Modulation: ASK at 125 kHz Compatible cards: All 26-Bit EM Cards
Tamper	Optical back tamper sensor, O.C. active low 16mA max sink current

Operational

Characteristics

Output Format	Wiegand 26 Bits
Audio/Visual	Bi-color LED indicator, Built-in sounder
Design	Epoxy potted, fully sealed in a rugged polycarbonate enclosure. Suitable for harsh environments

Environmental

Characteristics

Operating Environment	Water resistant, suitable for outdoor use (IP65 rated)
Operating Temperature	-31°C to 63°C (-25°F to 145°F)
Operating Humidity	0 to 95% (non-condensing)
RFI Protection	> 20 V/m up to 1000 MHz

Physical

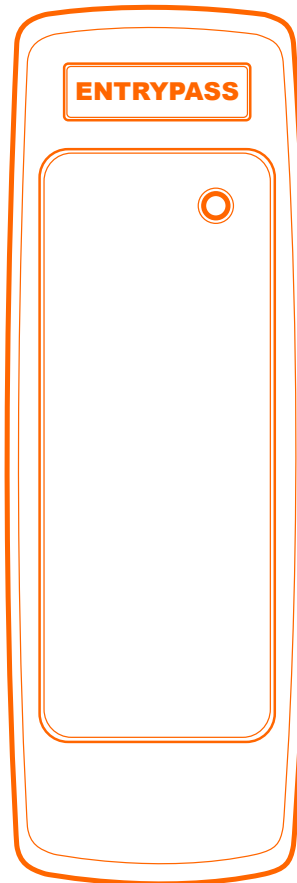
Characteristics

Dimensions	119.9mm x 41.9mm x 14mm (4.72" x 1.65" x 0.55")
Weight	88.5g (0.195 lbs)

Ordering Information

RD.AYJ12

AY-J12 Mini Mullion Proximity Reader



www.entrypass.net

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