AEN1060 Proximity Reader

The INNOPROX II Slimline card reader is a stylish, robust reader with a strong, impact resistant polycarbonate enclosure which can withstand harsh environments.

The Weigand output interfaces with most existing protocol access control systems. The integral ARDREX function allows 2 readers to be connected together on one reader cable for 'IN' & 'OUT' operation when used with Securefast Entra+ controllers.

LED & Buzzer Functions

When a card or fob is presented to the reader, the red LED flashes green and gives a short beep. The multicolour LED and beeper are controlled by the host system. When the BUZZ function is enabled, a built-in 2 second timer allows the buzzer to be used with 'Free Access Doors' without the buzzer continuously sounding.

High Security

Recognises card formats up to 90 bits long with unique ID's. XTEA encryption keys provide over 18 billion billion differs.
A tamper alarm output is provided in case of vandalism.

Diagnostics

On reader power-up, an internal self test routine checks which verifies the setup configuration and determines the internal or external control of the LED and beeper. Reader operation is then started.

Output formats

Many card types and output formats are available – details are available on request from out sales office. Outputs are diode protected.

Certification
EN60950 and IEC6095 - 0 ITE Electrical Safety
EN300 330-SRD   ETS 300 683 – EMC CE Mark

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Technical Information	
Read Range	• ISO card – 45mm • Keyfob – 32mm
Dimensions	104mm (H) x 52mm (W) x 19mm (D)
Material	High Quality Polycarbonate UL 94
Power Supply	7 – 25 VDC reverse polarity protected
Maximum Current Requirements	Average 13mA, Peak 20mA @13.8V DC
Operating Temperature	-30° to +65° C
Operating Humidity	0-95% relative humidity noncondensing
Transmit Frequency	125kHz
Outputs	• Wiegand data 0 & data 1 100uS pulses @1ms bit rate • Magnetic Stripe 200uS clock width with 400uS data bits • Type and format automatically selected by card in use • RS485 selected by wire link • Tamper alarm (70MA max)
Connection	40cm Cable Pigtail
Cable Distance	• Wiegand or Clock-and-Data interface – 200m • Recommended cable is Belden 9535 or equivalent (5 core with overall shield)
Weight	126g
Colour	Charcoal

For further information contact:
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