PYRAMID SERIES PROXIMITY — P-600 Rocky Proximity Reader

The P-600 Rocky Proximity Reader & Keypad is a member of the *Pyramid Series* Proximity line of OEM proximity readers, cards and tags for access control from Farpointe Data. Making use of proven digital radio frequency identification (RFID) technology and integrating Essex's popular metal keypad, the P-600 is ideal for applications that require both a proximity access card or tag, and/or a personal identification number (PIN), such as high security dual verification. Additionally the P-600 features the option of HID proximity compatibility (model P-600-H) allowing it to read both HID and Pyramid Series cards and tags.

The single-piece P-600 delivers non-contact read ranges up to 4 inches (102 mm), and operates from 5 to 14 VDC. Physical size is 3.9 x 4.4 x 0.95 inches (99x112x24 mm). Keypad data is transmitted via the reader's data lines in either an 8-Bit Burst or a 26-Bit Wiegand data format structure. Allowing both indoor and outdoor operation the electronics are secured in tamper-resistant epoxy potting. Concealing the mounting hardware, the P-600 ships with attractive black and off-white covers standard.

The Pyramid Series line includes a comprehensive selection of proximity access cards and tags that may be used interchangeable with any of the Pyramid Series readers, including the PSC-1 Standard Light Proximity Card, the PSI-4 Image Technology Proximity Card, the PSM-2 Multi-Technology Proximity Card, and the PSK-3 Proximity Key Ring Tag.

- Proximity RFID technology.
  » No direct physical contact between reader and card required.

- Combines reader and keypad into a single, integrated package.
  » Innovative and distinctive, it is ideal for higher security applications.

- Essex's metal keypad.
  » Proximity's ideal compliment, using piezo technology with no moving parts.

- Industry standard Wiegand outputs from the reader and keypad.
  » Compatible with all standard access systems.

- Beeper and four-state LED standard.
  » Provisions for both local and system control.

- Configurable via Control Cards.
  » Local customization allows optimized reader operation.

- Optional HID compatibility.
  » When enabled, will read both HID and Pyramid Series cards and tags.

- www.FarpointeData.com.
  » For the latest on your INTELLIGENT proximity alternative™.
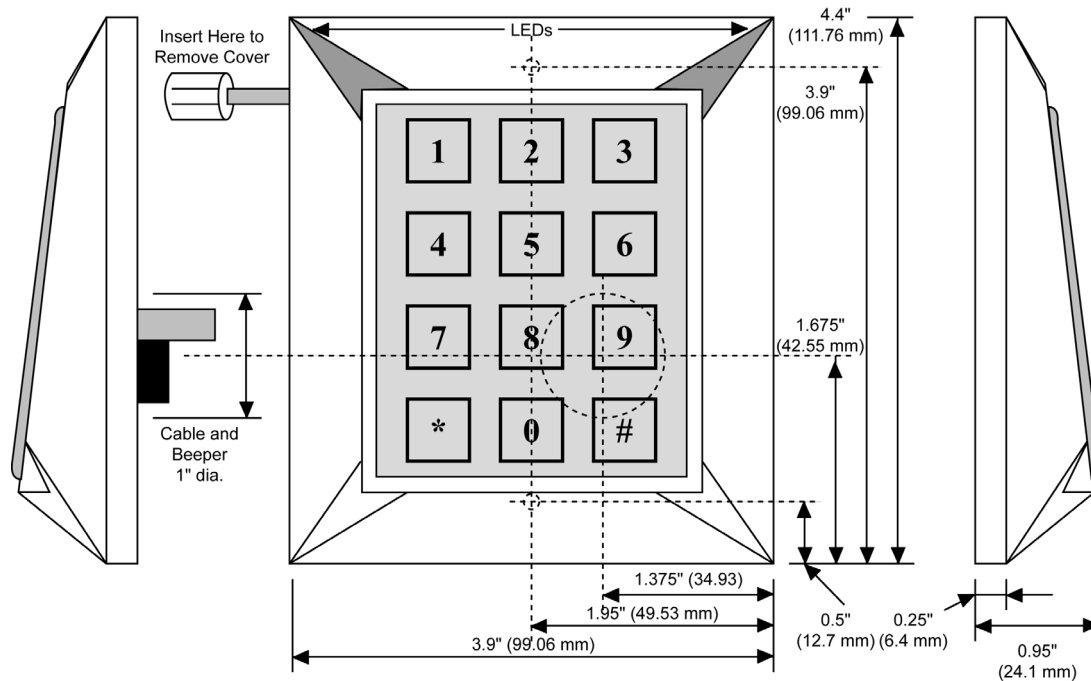
Data Sheet | Pyramid Series Proximity™

P-600 Rocky Proximity Reader

Data Sheet

Pyramid Series Proximity™

Read Range [a]:	PSC-1 - Up to 4 inches (102 mm) PSI-4 - Up to 3 inches (76 mm)	PSM-2 - Up to 3 inches (76 mm) PSK-3 - Up to 1 inch (25 mm)	
Size: 3.9 x 4.4 x 0.95 inches (99 x 112 x 24 mm)		**Weight:** 8 oz. (227 g)	
Input Voltage [b]: +5 to 14 VDC		**Current Draw:** 90 mA typical	
LED Indicator: Four-State Standard (Red, Green, Amber, and Off)		**Audio Tone:** Standard	
Frequency: 125 KHz excitation		**Operating Temperature:** -40° C to +65° C	
Colors: Black and Off-White		**Metal Mounting:** Must be stood-off for proper operation.	
Formats: Wiegand (26-bit Industry Standard and custom formats) and ABA Track II magnetic stripe (clock and data)			

Credential Compatibility:
    Standard - Pyramid Series Cards and Tags (PSC-1, PSI-4, PSM-2, and PSK-3)
    Optional [c] - HID (ProxCard II, ISOProx II, and ProxTag II) and Pyramid Series Cards and Tags			

Warranty: The P-600 carries a limited lifetime warranty against defects in materials and workmanship.			
Certifications: CSA, UL, FCC, CE, C-Tick.			

a. Read range is stated in a clean RF and electrical environment using PSC-1 cards presented parallel to the reader surface with the reader operating at 12 VDC. Additionally, read range may be affected by local installation conditions.
b. Use of a linear power supply is always recommended.
c. To designate optional HID compatibility, add the "H" suffix to the model number (e.g. P-600-H). For further information, see the section regarding HID compatibility in the Pyramid Series Reader Product Manual.

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