Mircom

125-kHz PROXIMITY KEYPAD READER

TX3-P640-H-A

TX3 Series

Doors Parking Turnstiles Keypad

Description

Mircom's TX3-P640-H-A sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, these readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They can be ordered to support several proximity card and tag technologies. Additionally, TX3 cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

Features

- **fleaPower™**
  Energy-Conservation Technology
- **Pro-X™**
  Read-Range Boosting Technology
- **Warranty**
  Lifetime Warranty
- **Wiegand**
  Output Interface
- **U.S. Single-Gang Wall-Box Mount**
  Metal or Plastic Box & Flat Surfaces

CATALOG NUMBER
6574

Specifications

Technology	Proximity
Frequency	125 kHz
Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Dimensions	3" W × 4.6" H × 0.75" D (76 mm × 117 mm × 19 mm)
Weight	4 oz (113 g)
Certifications	FCC, ICC, CE, C-Tick
IP Code	IP67
Voltage[1]	+5 – 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12 VDC
Read Range[2]	Up to 7 inches (176 mm)
Cabling[3]	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand
Operating Temperature	–40° F to 149° F (–40° C to +65° C)
Color Options	Black and a white snap-on cover included standard
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Four-state standard (red, green, amber, and off)
Keypad Output[4]	Wiegand
Technologies Supported	P-640-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols

NOTES:
1 Linear power supplies are recommended for best operation.
2 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
3 For example, Belden 9535 or similar, supporting the five conductors comprising the physical layer of the Wiegand interface (power, ground, data 0, data 1, and/or beeper and LED). Alternatively, Belden 9539 or similar, for all reader functions.
4 8-Bit Burst or 26-bit Wiegand standard.

Ordering Information

Model	Description
TX3-P640-H-A	125-kHz Proximity Keypad Reader

Mircom

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