



NXT Series Proximity Readers

- Sleek Attractive Packages
- Ultra Thin Profile
- Better Read Range Performance than Competing Products of Similar Size
- Encrypted Data Between Reader and Card or Tag
- 1,000' (300 Meters) Wiring Distance from Controller
- Supervised by Controller for Immediate Notification of Failure



Keri's **NXT Series Proximity Readers** are designed to blend aesthetics, read range performance, and small package size with an extremely thin profile into a product that is priced significantly less than competing proximity readers. The readers are for use exclusively with Keri's revolutionary access control system based on the **NXT Series** of IP-based Controllers. With an allowable cabling distance of 1,000 feet from the controller and using just 4 conductor cable, the **NXT Series** of Readers dramatically reduce cabling costs when compared to traditional 6 or 7 conductor reader interfaces. Encrypting identification data between the card and reader and supervising the reader from the controller to check for failure provides the most secure reader solution available. The readers are compatible with all **NXT Series** Cards and Tags.

The **NXT-3R Mullion Reader**, designed for mounting on metal window doorframes/mullions, is one of the smallest proximity readers on the market yet offers exceptional read range. Measuring just 3.75 inches high by 1.60 inches wide by 0.625 inches deep (9.5 cm high x 4.1 cm wide x 1.6 cm deep), the **NXT-3R** is designed to mount directly on metal or a wall without requiring mounting brackets or spacers.

The **NXT-5R Wall Switch Reader** measures 4.18 inches high by 2.95 inches wide by 0.625 inches deep (10.6 cm high x 7.5 cm wide x 1.6 cm deep) and can be mounted on a US single gang electrical box or flat on a wall. Read range is up to 6" (15 cm) when mounted at least 1" off metal. If the reader is mounted using a metal electrical junction box with the thickness of the wall material separating the reader from the box, read range will be slightly reduced.

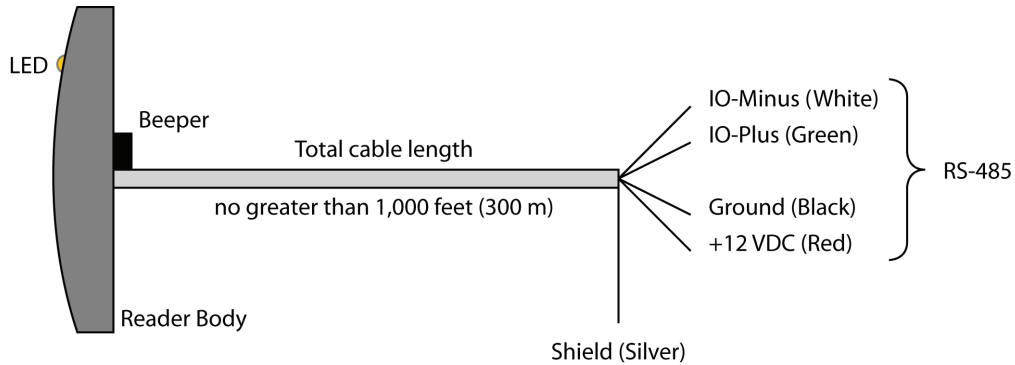
The **NXT-1R Euro Mount Prox Reader** offers the best combination of size and read range available. Able to mount directly on a wall or to a European switch box, this unit measures 3.25 inches high by 3.25 inches wide by 0.625 inches deep (8.3 cm high x 8.3 cm wide x 1.6 cm deep) and offers a size and profile not found in many other proximity readers.



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NXT Series Proximity Readers



P/N: 01997-203 - Rev. B

SPECIFICATIONS:

Size

NXT-3R 3.75" H x 1.6" W x 0.625" D
(9.5 cm x 4.1 cm x 1.6 cm)

NXT-5R 4.18" H x 2.95" W x 0.625" D
(10.6 cm x 7.5 cm x 1.6 cm)

NXT-1R 3.25" H x 3.25" W x 0.625" D
(8.3 cm x 8.3 cm x 1.6 cm)

Read Range*

NXT-3R up to 4 inches (10 cm)

NXT-5R up to 6 inches (15.24 cm)

NXT-1R up to 5 inches (12.7 cm)

Weight

NXT-3R 2.6 oz. (74 g)

NXT-5R 3.5 oz. (99 g)

NXT-1R 3.1 oz. (88 g)

Input Power

NXT-3R 10 -14 VDC @ 110 mA typical

NXT-5R 10 -14 VDC @ 110 mA typical

NXT-1R 10 -14 VDC @ 110 mA typical

Operating Temperature

-40° F to 149° F

(-40° C to 65° C)

LED Indicator

Tri-Color Standard

(Red, Green, Amber, Off)

Audio Tone

Standard

Interface

4 conductor (2 twisted pairs),
shielded

Color

Black

Warranty

Lifetime Warranty against defects
in materials and workmanship

