

2-N-1 PROXIMITY READER



Applications

Door, gate and parking access
Electrical junction box mounting in wallboard, block walls, etc.
Metal or wood-frame doors, windows or gates

System Compatibility

Works with certain HID 125kHz formats and card readers from AWID™-, Farpointe®- and Secura Key®

Benefits

Stock only one reader for both mullion and gang box mounting
Always have the right reader when on the job
Sleek, modern design
Fully potted for weather protection
Up to 6-inch read range; nearly twice the range of others

DUAL-MOUNT PROX READER

Convertible for both Single Gang and Mullion-Mount

Linear's 2-N-1 reader is a proximity reader designed to fulfill two different mounting requirements – without needing any additional hardware! The 2-N-1 can be installed as either a mullion-mount reader or, when paired with the provided adapter plate, turns the reader into a single-gang electrical box style reader. Customers get a clean, low profile for both mullion and single-gang installations ready to install right out of the box for either configuration. Linear's cards and tags do not contain batteries, requiring no maintenance. Reduce your stock and never be on the job again without the right model reader!

2-N-1 PROXIMITY READER SPECIFICATIONS & TECHNOLOGY

SYSTEM SPECIFICATIONS

| | |
|---|---|
| Reader Type: | Proximity; 26- to 37-bit Wiegand |
| Frequency: | 125 kHz |
| Mounting: | Mullion or Single Gang |
| Dimensions (H x W x D): | Single-Gang: 4.77" x 2.96" x 1.33" (121.1 x 75.1 x 33.7 mm) Mullion: 3.92" x 1.74" x 0.98" (99.5 x 44.2 x 24.9 mm) |
| Weight: | 3 oz. (85g) |
| IP Code: | IP67 |
| Voltage¹: | +5 to +16 VDC |
| Current Draw²: | 30 mA typical, 75 mA peak @ 12VDC |
| Read Range³: | Up to 6 inches (152 mm) |
| Cabling⁴: | 24 AWG minimum, multi-conductor stranded with an overall foil shield 500' |
| Interface: | Wiegand ABA Track II |
| Operating Temperature: | -40° F to 149° F, (-40° C to +65° C) |
| Color: | Black |
| Audio Tone: | Sounder included |
| Indoor & Outdoor Installation: | Electronics sealed in weather and tamper-resistant epoxy potting |
| Warranty: | Limited lifetime warranty |
| LED: | Four-state indicator (red, green, amber, off) |
| Certification: | ETL listed to UL294, FCC, ICC, CE, C-Tick |



- 1 Linear brand power supplies are recommended for best operation
- 2 Using PSC-1 Standard Light Proximity Card with 12VDC at the reader
- 3 Self-evaluated
- 4 For example, Belden® 9535 or similar

MODELS AND TECHNOLOGIES SUPPORTED



Single Gang



Mullion

Order # 620-100451 (2-N-1ProxHAF)

Designed for these credentials:

- AWID™ 125 kHz Proximity protocols*
- Farpointe® Data Pyramid Series Proximity Cards and Tags*
- Works with certain HID 125kHz formats and card readers

Order # 620-100452 (2-N-1ProxHAS)

Designed for these credentials:

- AWID™ 125 kHz Proximity protocols*
- Secura Key® Series Proximity Cards and Tags
- Works with certain HID 125 kHz formats and card readers

*Other compatible credential models include: Farpointe PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1; HID ProxCard® II, ISOProx® II and ProxKey® II, and AWID models CS Prox Card, GR (ISO) Graphics Quality Prox Card and KT Key Tag

