

## OneReach<sup>™</sup> Remote PoE Port

Remote, 1-port, 10/100/1000BASE-T, 1000BASE-SX, PoE++, LC duplex, MMF, RJ-45, 56 VDC in, M8 Power Input

### APPLICATION

The 1-port Remote PoE Port is part of the OneReach system, designed to support PoE at distances far in excess of the 100 meter (328 ft) limit of copper cabling alone. The device mounts in NEMA-rated enclosures and connects to active devices using category-rated cables terminated with standard RJ-45 connectors.



#### DESCRIPTION

The 1-port Remote PoE Port performs two functions:

1. Converts 1000BASE-SX fiber Ethernet to 10/100/1000BASE-T copper Ethernet.

2. Provides IEEE 802.3 compliant Power over Ethernet (up to Type 4, Class 8) to a network powered device, up to 100 meters (328 ft) away.

### BENEFITS

- · No need to install costly remote power outlets
- · No need to install remote industrial switches
- Easily attach pre-terminated LC connectors for data transmission
- Standard M8 connector screws into place to complete DC power circuit
- Uses standard RJ-45 connectivity to patch to the security camera, wireless access point, or any other IP-based device
- Allows common pathway for fiber backbone and Class 2 power supply
- Supports one network powered device up to PoE++ 100 W

#### **STANDARDS & REGULATIONS**

- EN 50173
- ISO/IEC 11801
- IEC 61000 4-5 Surge Immunity Level 4
- IEEE 802.3 10/100/1000BASE-T, 1000BASE-X
- IEEE 802.3 Power over Ethernet, up to Type 4, Class 8
- Telcordia GR-468-CORE
- · c(UL)us Listed
- IEC/UL 60950-1
- FCC Part 15 Subpart B EMC

#### **MECHANICAL SPECIFICATIONS**

Weight:	Approximate net weight 2 lb (0.9 kg)
Materials:	ABS Polymer and plated steel
Dimensions:	1.70 in (43.3 mm) x 1.74 in (44.2 mm)
	x 6.34 in (161 mm)

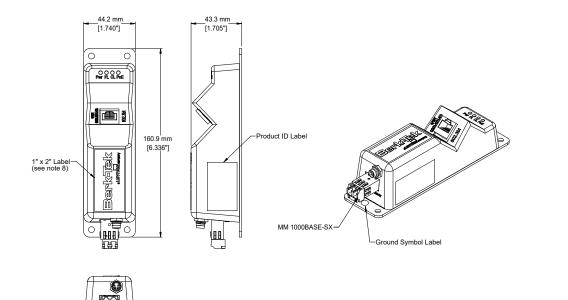
Temp. (Storage): $-40 \ ^{\circ}C$  to  $+85 \ ^{\circ}C$  ( $-40 \ ^{\circ}F$  to  $+185 \ ^{\circ}F$ )Temp. (Operating): $-40 \ ^{\circ}C$  to  $+70 \ ^{\circ}C$  ( $-40 \ ^{\circ}F$  to  $+158 \ ^{\circ}F$ )Altitude (Operating): $-300 \$ ft to  $10,000 \$ ft ( $-91.4 \$ m to  $3,048 \$ m)Humidity (Max.):90% relative humidity, non-condensing

#### WARRANTY INFORMATION

For Leviton product warranties, go to leviton.com/ns/warranty

# PRODUCT SPECIFICATIONS 81001512





CHARACTERISTICS		
Construction		
Color	Black	
Connector type	LC Duplex & M8	
Fiber optic type	Multimode	
Mechanical		
Speed*	10/100/1000 Mbps for copper port 1000 Mbps for fiber port	

\*Support for 10/100/1000BASE-T copper structured cabling communications and 1000BASE-SX multimode fiber cabling communication

ONEREACH™ REMOTE POE PORT	
Description	Part No.
1-port Remote, MMF	81001512

#### For further support information, visit leviton.com/ns/support

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