

# Lanolinx LNP-800-M12-T

8-Port M12 IP40 PoE Unmanaged Industrial Switch

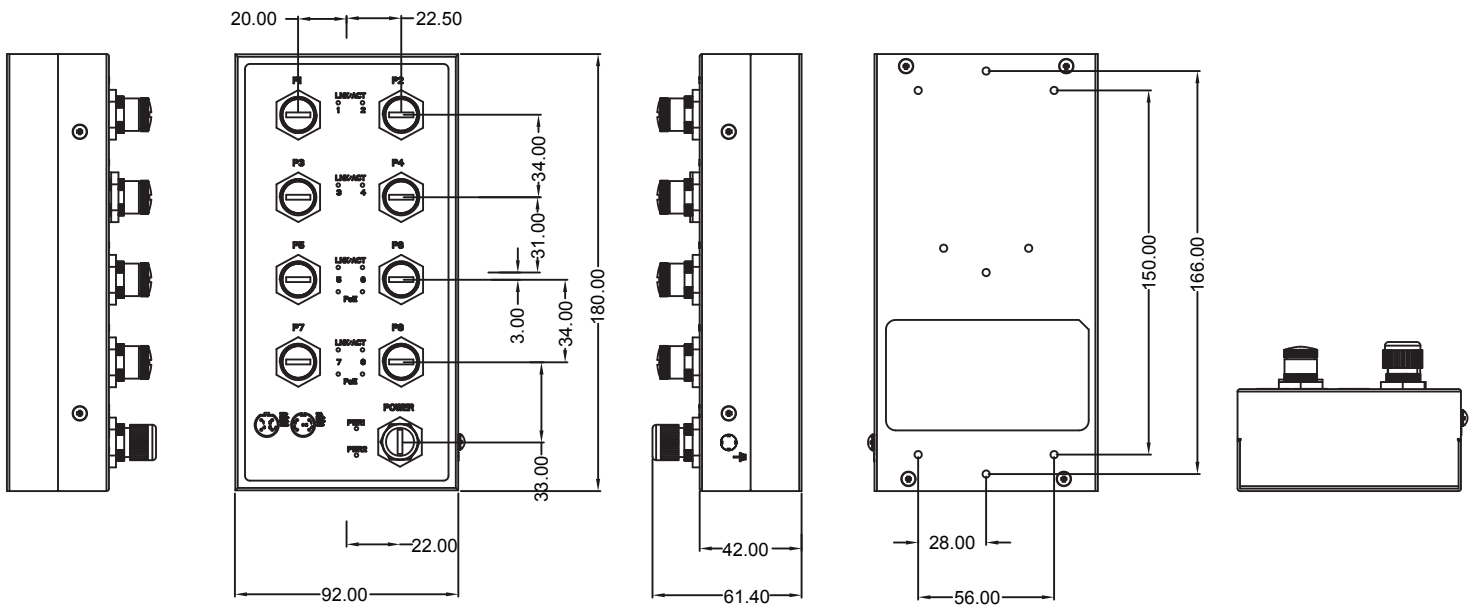


## Features

- ▶ Back-Plane (Switching Fabric): 1.6 Gbps
- ▶ 8-Ports 10/100Mbps M12 Type Connector with IP-40 Protection
- ▶ 4 IEEE 802.3af Compliant PoE and Ethernet Combo Ports
- ▶ Provides up to 15.4 Watts at 24~48 VDC per PoE Port
- ▶ Wide-Range Redundant Power Design
- ▶ Wide Operating Temperature (-40 ~ 75°C)
- ▶ Compliant with EN50155/50121-3-2/50121-4



## ▶ Specifications



## ► Specifications

### Standard

IEEE 802.3 10BaseT Ethernet  
IEEE 802.3u 100BaseTX  
IEEE 802.3x Flow Control and Back-Pressure  
IEEE802.3af Power over Ethernet

### Switch Architecture

Back-Plane (Switching Fabric): 1.6Gbps  
Packet Throughput Ability (Full-Duplex): 23.8 Mpps @ 64bytes

### Transfer Rate

14,880pps for Ethernet Port  
148,800pps for Fast Ethernet Port

### MAC Address

2K MAC Address Table

### Packet Buffer

448 Kbits

### Connector

10/100T: 8 x M12, 4-Pole D-coded, Female w/ Auto MDI/MDI-X Function  
Power Connector: 1 x M12, 5-Pole A-Coded, Male

### Protocol

CSMA/CD

### LED

Unit: Power 1, Power 2  
Ethernet Port: Link/Activity, PoE

### Power-over-Ethernet (PoE)

4 x IEEE 802.3af (PSE) Compliant PoE Ports  
Provide up to 15.4 Watts per Port

### Power Input

DC 24V ~ 48V, Redundant Power with Polarity Reverse Protection

### Power Consumption

72 Watts Max. @ 24VDC

### Mechanical

Enclosure: IP40 Protection, Metal Shell  
Dimension (W x H x D): 92 x 180 x 42 mm (3.62 x 7.09 x 1.65 in.)  
Installation: DIN-Rail, Wall-Mount Design

### Operation Temperature

Wide Operating Temperature: -40° C to 75° C (-40° F to 167° F)

### Operation Humidity

5% to 95% (Non-condensing)

### Storage Temperature

-40° C to 85° C

### EMC

CE, FCC Class A  
EN61000-6-4  
EN61000-6-2  
EN61000-4-2 (ESD)  
EN61000-4-3 (RS)  
EN61000-4-4 (EFT)  
EN61000-4-5 (Surge)  
EN61000-4-6 (CS)  
EN61000-4-8 (Magnetic Field)

### Safety

UL, cUL 60950

### Rail

EN50155 Compliant  
EN50121-3-2 Compliant  
EN50121-4 Compliant

### Stability Testing

Shock: IEC61373  
Free Fall: IEC60068-2-32  
Vibration: IEC61373

### Warranty

5-Year Warranty

## ► Ordering Information

LNP-800-M12-T

8-Port 10/100TX M12 IP40 IEEE 802.3af PoE Industrial Unmanaged Ethernet Switch

### Antaira Technologies

Toll-Free: (877) 229-3665  
Phone: (714) 671-9000  
FAX: (714) 671-9944

e-Mail: [info@antaira.com](mailto:info@antaira.com)  
Website: <http://www.antaira.com>

  
[www.antaira.com](http://www.antaira.com)