

# Product Specifications

## 1-Port Gigabit Capable Industrial PoE+ Power Injector

### KEY FEATURES

- Supports PoE+ (30 watt) Power Source Equipment (PSE)
- Rugged housing with extensive operating temperature range
- DIN-Rail & Wall Mountable installation options
- Auto-detection of PD and power consumption levels
- LED indicators showing data & PoE activity



### ORDERING INFORMATION

PART NO.	DESCRIPTION
065-18POEINJZ	1-Port 10/100/1000BaseT/TX PoE+ Industrial Power Injector

The Signamax 1-Port Gigabit Capable Industrial PoE+ Power Injector is designed to be a compact and cost effective full IEEE 802.3at (30 watts) and IEEE 802.3af (15.4 watts) compliant solution for network cameras, outdoor and indoor wireless access points, and other IP terminal installations. The injector operates at an extended temperature range from -40° F to 167° F .

Unlike many competing products, the Signamax industrial power injector supports a 10/100/1000BaseT/TX RJ45 connection utilizing phantom power over RJ45 pins 1, 2, 3, and 6 in a compact package. This rugged, compact, and cost-effective PoE+ power injector is the easy answer for individual PoE or PoE+ deployments where PoE switches are not appropriate.

### SPECIFICATIONS

#### Applicable Standards

IEEE 802.3 10BaseT, 100BaseTX, 1000BaseT  
 IEEE 802.3af PoE (15.4 watts)  
 IEEE 802.3at PoE+ (30 watts)

#### Ports

1 - RJ-45 10/100/1000BaseT/TX inbound data port, plus  
 1 - RJ-45 10/100/1000BaseT/TX outbound data plus power port.

#### Electrical Characteristics

**DC Input Power:** 12 - 48 V DC Connected via Terminal Block  
**Output Power:** 46 V DC to 57 V DC; 30 Watts.  
**Pin Assignment and Polarity:** 1 & 2 (+); 3 & 6 (-).

#### Environmental Requirements

**Operating Temperature:** -40°F to 167°F (-40°C to 75°C)  
**Storage Temperature:** -40°F to 185°F (-40°C to 85°C)  
**Operating Humidity:** 5% to 95% (non-condensing)

#### Physical Characteristics

**Case Dimensions:** 3.74" W x 1.57" D x 1.18"H (95 mm x 40 mm x 30 mm)  
**Housing:** Metal Case  
**Weight:** 0.55 lb ( 249.5 g)

#### Warranty

Five Years