

# Special Sale!

## Get a PoE Converter For Less!

Fast Ethernet and Gigabit Ethernet PoE Media Converters are now available for less than a standard Converter

***Discounted up to 50% Off***



We have dropped the price of our SGPOE & SPOEB Series for a special limited time sale!

*Valid Through September 30th, 2019*

# Gigabit Ethernet & Fast Ethernet PoE Converters

## Products

SGPOE1040-100	10/100/1000Base-T PoE (RJ-45) [100 m/328 ft.] to 100/1000Base-X SFP Slot (empty)
SGPOE1039-100	10/100/1000Base-T PoE (RJ-45) [100 m/328 ft.] to 1000Base-SX 850nm multimode (LC) [62.5/125 μm: 220 m/722 ft.] Link Budget: 8.0 dB [50/125 μm: 550 m/1804 ft.] Link Budget: 8.0 dB
SPOEB1011-105	10/100Base-TX PoE (RJ-45) [100 m/328 ft.] to 100Base-FX 1300nm multimode (ST) [2 km/1.2mi.] Link Budget: 11.0 dB
SPOEB1013-105	10/100Base-TX PoE (RJ-45) [100 m/328 ft.] to 100Base-FX 1300nm multimode (SC) [2 km/1.2mi.] Link Budget: 11.0dB

## Features

- IEEE 802.3af Power-over-Ethernet Compatible
- 48 VDC PSE Output Voltage
- PD Detection Signature
- Over-Current Protection
- Under-Current Detection
- Powered Device Reset
- Minimum Load Sensing
- Fault Protection Input
- Auto-Negotiation
- Auto-MDI/MDIX
- Link Pass Through
- Automatic Link Restoration
- External AC power supply

## SGPOE Series Features

- SFP ports support either 100Base or 1000Base fiber
- Mode A or Mode B Pairs Power Insertion
- PoE Legacy Detect for non-IEEE 802.3af compatible Powered Devices (PD)

## SPOEB Series Features

- Signal Pair or Spare Pair Power Insertion
- Switch selectable features and port settings
- Far-End-Fault (FEF)

## Specifications

	SGPOE Series	SPOEB Series
Dimensions	Width: 4.4" [112 mm] Depth: 5.1" [129 mm] Height: 1" [25 mm]	Width: 3.25" [82.55 mm] Depth: 4.8" [121.92 mm] Height: 1" [25 mm]
Environment	Operating: 0°C to 40°C Storage: -25°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.	Operating: 0°C to 50°C Storage: -25° to +85°C Humidity: 5% to 90% (non-condensing) Altitude: 0 – 10,000 ft.

## SGPOE Series & SPOEB Series

Standards	IEEE 802.3, IEEE 802.3af
Switches	SW1: Auto-Negotiation TP On/Off SW2: Speed TP: Force 10 Mbps or 100 Mbps (SW1 off) SW3: Duplex TP: Force Half or Full-Duplex (SW1 off) SW4: Duplex Fiber: Half or Full-Duplex SW5: Auto-MDI/MDIX On/Off SW6: PSE On/Off SW7: PSE/LPT on/off SW8: Unused
Power Consumption	20 Watts (max)
Power Supply	External AC/DC required; 48 VDC 0.67A Output; 90 – 250VAC external power supply input
Weight	2 lbs. [0.90 kg]
Compliance	EN55022:1994+A1:1996+A2:1997 Class A, FCC Part 15 Subpart B, UL 1950
Warranty	Lifetime
Optional Accessories	SFP Modules
Mounting Options	WMBD: DIN Rail Mount Bracket 5" [127 mm] WMBL: Wall Mount Bracket 4" [102 mm]

### Power Supply Included

To order the corresponding country specific power supply, add the extension from the list below to the end of the SKU; Ex: SGPOE1040-100-NA

#### -NA = Country Code

-NA = North America, -LA = Latin America, -EU = Europe, -UK = United Kingdom, -SA = South Africa, -JP = Japan, -OZ = Australia, -BR = Brazil