

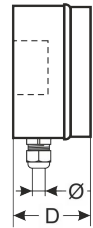
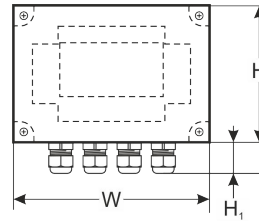
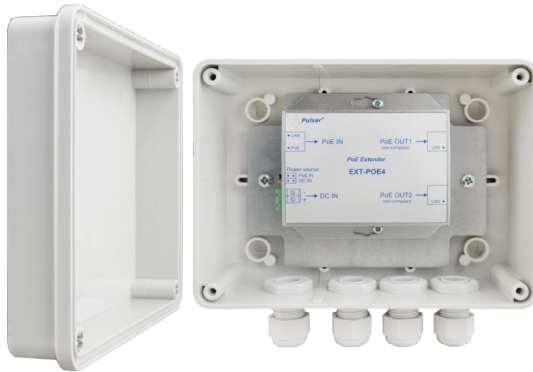
# EXT-POE4H

## Extender EXT-POE4 in hermetic enclosure



CODE: **EXT-POE4H** v1.0/I  
 TYPE: **Extender EXT-POE4 in hermetic enclosure**

EN



### Features:

- The output voltage range 44-57VDC
- Can be powered from a PoE switch or external power supply
- The PoE IN input compliant with the IEEE802.3af/at standard
- 2 x PoE OUT output
- Increases Ethernet and PoE power range by 100 meters
- Designed for 10Mbit/s and 100Mbit/s network
- Pole mounting option (requires the OZB1 adapter - optional accessory)
- LED optical signalization
- protections:
  - surge protection (PoE input)
  - OLP overload protection
  - SCP short circuit protection
  - IP56 hermetic enclosure
- warranty – 1 year from the production date

### DESCRIPTION

The **EXT-POE4H** extender is a device designed to increase the PoE and Ethernet range by additional 100 meters using UTP Cat. 5 cable. The Extender can be powered using a another PoE-compliant device (PoE IN input) or an external 44-57VDC power supply unit (DC IN input). The power source is selected using the *Power Source* jumper (see Fig. 1). The output voltage and data are available at the PoE OUT1 and OUT2 outputs designed for connecting cameras or other IP devices using PoE power supply. The maximum load current is 0,3A (total =0,4A max.). The PoE OUT1 and PoE OUT2 ports are supplied over 4/5 (+) and 7/8 (-) pairs, which, according to the Ethernet standard, are not used for data transmission (data transmission uses 1/2 and 3/6 twisted pairs).

**This device cannot be used on Gigabit Ethernet networks, where all twisted pairs are involved in data transmission.**

### TECHNICAL DATA

Supply voltage	compliant with 802.3af/at (44÷57VDC)
Current consumption by PSU systems	<30mA
Module power	20W max.
Output voltage	applying power
Output current	0,3A/port ( $\Sigma=0,4A$ max.)
The PoE IN input power supply pairs	4/5 (+) 7/8 (-)
The PoE OUT1/2 output power supply pairs	4/5 (+) 7/8 (-)
Overload protection OLP Short circuit protection SCP	2x PTC 0,5A, polymer fuse
LED operation indication	Yellow LAN LED - indicating the LAN connection status Green PoE LED - presence of input/output voltage
Range of operating temperatures	-25°C÷50°C
External dimensions	W=158, H=118, D=77 [+/- 2 mm]
Height glands	H <sub>1</sub> =25 [mm]
The number of cable glands/ Ø cables	4 pcs. / 4÷8mm
Connectors: - DC IN power supply input - IN/OUT PoE	Ø0,5÷2,1 (AWG 24-12) 0,5÷1,5mm <sup>2</sup> RJ45 8P8C
Net/gross weight	0,41kg / 0,47kg
Storage temperature	-25°C...+60°C
Declarations, warranty	CE, 1 year from the production date