

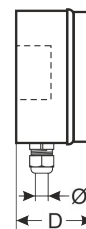
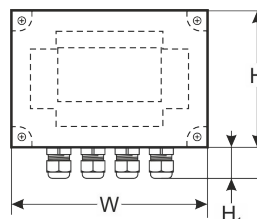
# EXT-POE1H

## Extender EXT-POE1 in hermetic enclosure



CODE: **EXT-POE1H** v1.0/I  
TYPE: **Extender EXT-POE1 in hermetic enclosure**

EN



### Features:

- The output voltage range 44-57VDC
- Power from PoE switch
- The PoE IN input compliant with the IEEE802.3af/at standard
- The PoE OUT output compliant with the IEEE 802.3af standard
- 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-POE1H extender** is a device designed to increase the PoE and Ethernet range by additional 100 meters using UTP Cat. 5/5e cable. The Extender can be powered using a PoE switch or another PoE-compliant device (PoE IN input). The output voltage and data are available at the PoE OUT1 output designed for connecting cameras or other IP devices compliance with IEEE802.3af. The maximum load current is 0,3A. The PoE OUT port 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).

### TECHNICAL DATA

|   |   |
|---|---|
| Supply voltage  | compliant with 802.3af/at (44÷57VDC)  |
| Current consumption by PSU systems                      | <30mA   |
| Module power  | 15,4W max.  |
| Output voltage  | compliant with 802.3af  |
| Output current  | 0,3A  |
| The PoE IN input power supply pairs                     | 1/2 (+) 3/6 (-)<br>4/5 (+) 7/8 (-)  |
| The PoE OUT output power supply pairs                   | 4/5 (+) 7/8 (-)   |
| Overload protection OLP<br>Short circuit protection SCP | 150% ÷ 200% of nominal output current, automatic recovery   |
| LED operation indication                                | Yellow <b>LAN</b> LED - indicating the LAN connection status<br>Green <b>PoE</b> 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: - IN/OUT PoE                                | RJ45 8P8C   |
| Net/gross weight  | 0,41kg / 0,47kg   |
| Storage temperature                                     | -25°C...+60°C   |
| Declarations, warranty                                  | CE, 1 year from the production date   |