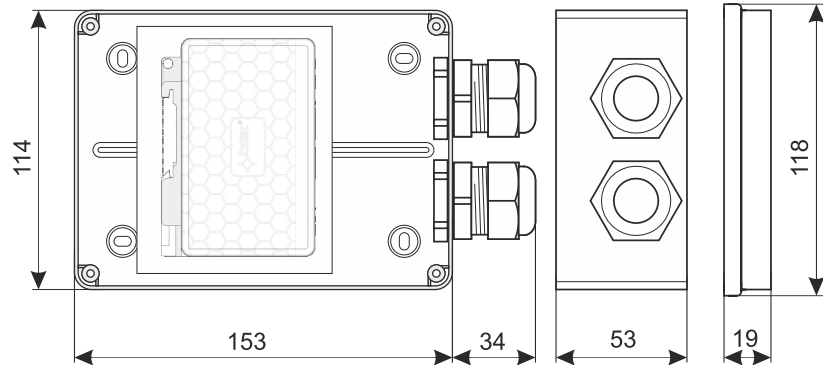


# EXT-POEG4H

## Extender EXT-POEG4H in hermetic enclosure

CODE: **EXT-POEG4H** v1.0/l  
NAME: **EXT-POEG4H** extender

EN



### Device features:

- Input voltage range 48–57 V DC
- Power supply from PoE switch
- PoE input: PoE IN - compliant with IEEE802.3af/at/bt
- PoE output: PoE OUT 2 - compliant with IEEE802.3af/at/bt
- PoE output: PoE OUT 3 – 5 - compliant with IEEE802.3af/at
- Increases Ethernet and PoE power range by 100 meters
- Possibility of pole mounting (requires USH-1adapter - **optional accessory**)
- LED optical signalization
- Designed for use in 10/100/1000 Mb/s networks
- VLAN mode
- Protections:
  - OLP overload protection
  - SCP short circuit protection
  - IP56 hermetic enclosure
- Warranty: 2 years

### DESTINATION

**EXT-POEG4H extender** is a device designed to extend transmission distance of PoE power and Ethernet data via UTP cat. 5/5e twisted pair cable to next 100m. Extender is powered from PoE switch or other PoE-compliant device (PoE IN input). Output voltage and data are available at PoE OUT 2 – 5 outputs, to which cameras or other IP devices using PoE power should be connected.

### TECHNICAL DATA

Power supply	Compliant with 802.3af/at/bt (48 – 57 V DC)
Current consumption by module systems	<20mA
Module power	45 W max.
Ports	5 ports 10/100/1000 Mb/s (1 x PoE IN + 4 x PoE OUT) with auto negotiation of connection speed, auto MDI/MDIX crossover
Output voltage	Port PoE OUT 2 - compliant with 802.3af/at/bt Ports PoE OUT 3 – 5 - compliant with 802.3af/at
Output current	Port PoE OUT 2: 0,9 A Ports PoE OUT 3 – 5: 0,5 A/port ( $\Sigma=0,9$ A max.)
PoE IN input power supply pairs	1/2 (+) 3/6(-) 4/5 (+) 7/8 (-)
PoE OUT 2 – 5 output power supply pairs	1/2 (+) 3/6(-) 4/5 (+) 7/8 (-)
Overload protection (OLP) Short circuit protection (SCP)	105% – 150% of rated output current, automatic recovery
LED operation indication	LEDs (green) Ports 1 – 5: <b>ON</b> - the device is connected 10/100/1000 Mb/s <b>Blinking</b> - data transmission
External dimensions	W=158, H=118, D=77 [+/- 2 mm]
Cable gland height	H <sub>1</sub> =34 [mm]
Number of cable glands/cable diameter	2 pcs. / 13 – 18 mm
Gland filling inserts	3x $\Phi$ 5mm; 2x $\Phi$ 5mm
Enclosure	ABS, light grey
Connectors: - PoE inputs/outputs	RJ45 8P8C
Net/gross weight	0,4 / 0,45 [kg]
Protection grade EN 60529	IP56
Operating conditions	-25°C – 50°C, relative humidity: 20...90%, without condensation
Storage temperature	-25°C...+60°C
Declarations, warranty	CE, RoHS, 2 years

**Sample assembly:**

