

EnoSense® People Counter PRO / white / CE

People counting sensor, ToF (time of flight) sensing

EnOcean 868 MHz 86 x 86 x 40 mm

Order no. 12906

Interfaces

2x Time Of Flight (TOF) (940 nm)

1x EnOcean (internal antenna), external power supply, 86 x 86 x 40 mm



CLASS 1
LASER PRODUCT

The EnoSense® People Counter PRO counts people at doors and passageways. Two time of flight (ToF) sensors provide a total resolution of 16 x 8 zones. The sensor records the number of people passing through. It can be powered by an external supply (12 ... 48 V DC), USB or Power over Ethernet (PoE).

For installation, service and maintenance, the EnoSense® People Counter PRO has ten internal RGB LEDs that indicate the device status during commissioning and installation.

The counting events are transmitted wirelessly using EnOcean® technology.

Technical data: interfaces

Type	EnOcean
Quantity	1
Transmit/receive centre frequency	868.3 MHz / ASK
Frequency range used	868.0 - 868.6 MHz
Maximum transmit power	Typ. 6 dBm @ 868.300 MHz

Sensors:

Number of sensors	2x time of flight (ToF), front
Max. mounting height	Max. 4 m
Counting range	On request (mounting height 2.5 ... 4.0 m)

User interfaces

Service button	Yes, on the side
Service LED	Yes, 10x RGB

Power supply

Supply voltage	PoE, DC, USB
Power consumption	Typ. 0.5 W Max. 1.0 W

Environmental conditions

Operating temperature	0 °C ... +60 °C
Storage temperature	-20 °C ... +70 °C
Humidity	0..95% relative humidity, non-condensing
Protection class	IP20

Dimensions and weight

Weight	80 g
Dimensions	86 x 86 x 40 mm

Housing

Housing	Main: ABS-FR, white Dome: Somos® Ledo 6060 or equivalent
---------	--

Tests / approvals

CE	2014/53/EU 2011/65/EU + Annex 2015/863/EU RoHS 3 Directive
----	---

Supported EEPs (EnOcean Equipment Profiles)

Transmit / TX

No.	EEP	Description	Tx-ID
1	MSC 47-D1-07-0F	Number of people (0 .. n)	EURID

Receive / RX

No.	EEP	Description
-	-	-

Power supply

The EnoSense® People Counter PRO can be powered from one of the following external sources:

- External power supply, 12 ... 48 V DC
- USB (+5.0 V)
- Power over Ethernet PoE / RJ45

EnOcean

The integrated EnOcean transceiver enables unidirectional communication with a building management system.

Functions of the EnoSense® People Counter PRO

The distance sensors (time of flight, ToF) continuously measure the height above the floor or the distance to the sensor whenever someone or something is located in any zone of the 8 x 16 sensor array.

By analysing where a person enters and leaves the sensor area, the device counts in the positive or negative direction.

Transmission interval

Each time the number of counted people changes, the EnoSense® People Counter PRO immediately sends a new message.

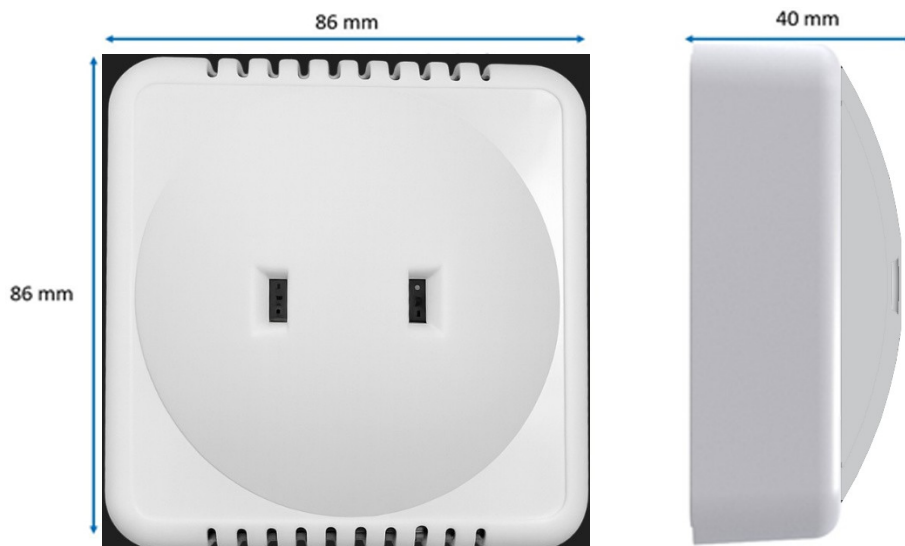
If the count value does not change, the EnoSense® People Counter PRO transmits at the default interval of 15 minutes.

Detection range / counting

The detection and counting range depends on the mounting height (2.5 to 4.0 m). Values per mounting height are available on request.

Dimensions:

86 x 86 mm; height: main housing 25 mm + 15 mm lens cover



Ordering information

Item	Order no.	Description
AL-461-00-868 EnoSense® People Counter PRO / white / CE	12906	EnoSense People Counter PRO, Time of flight, ceiling mounting, mounting height 2.5...4.0 m, EnOcean 868.3 MHz / CE, dimensions: 86 x 86 x 40 mm, Ambient temp. 0..60 °C, supply: PoE / USB / 12..48 V DC EEP: 47-D1-07-0F;



Note:

This device is approved for operation within the member states of the European Union only.

EU declaration of conformity

DEUTA Controls GmbH hereby declares that the radio equipment type **AL-461-00-868 EnoSense® People Counter PRO / white / CE** complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.deuta-controls.net under Service/Downloads (Doc. EUDC2026_105).

Version 1, 08.10.2026