

AL-432-00-921 (TAIWAN)

EnOcean motion sensor (868 MHz)

"EnoSense PIR ceiling", 114 x 66 x 31 mm

Motion detector (PIR) for ceilings and walls

Part. nr. 12768

Interfaces:

1x EnOcean TX (internal antenna), power supply: solar cell, backup battery



The **AL-432-00-921 EnoSense® PIR Ceiling** contains a high sensitive PIR sensor that detects moving people in range. Best case, the sensor is supplied with energy by the integrated solar cell in the front. In situations where the ambient light is not sufficient, an internal battery supplies the sensor energy storage for typically 5 years or longer.

The information is transmitted via the EnOcean wireless standard, **EEP: A5-07-01**.

The following information is transmitted:

- Motion detected, 0..1
- Super Cap voltage: 8 bit, 0 .. 250 [mV/20]

Technical data

Communication / EnOcean wireless interface

Type	EnOcean
Number	1
Operating frequency	921.7 MHz
Transmission power	0 dBm
Modulation type	FSK
Number of channels	Ch 24 (921,7 MHz)
Transfer / data rate	125 kbit/s

Sensor: PIR (passive infrared motion sensor)

Mounting height	Typ. 2.5 m
Detection range	Radius approx. 5 m @ 2.5 m

User interfaces

Service button	Yes
Service LED	Yes, red, behind the PIR lense

Housing / connection technology

Connection technology	-
Housing	Plastic, PC, white / black / beige

Power supply

Supply voltage	Integrated solar cell
Backup battery	CR 2032

Environmental conditions

Operating temp.	0°.. 30 °C
Storage temp.	-20 ..+70 °C
Rel. humidity	20..85 % rel. humidity, non condensing
Protection class	IP20

Dimensions and weight

Weight	110 g
Dimensions	114 x 66 x 31 mm

Standards and approvals

NCC, AL-432-00-921	 CCXXxxYYyyyZzW Will be updated finally
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Ordering information

Part name	Part nr.	Description
AL-432-00-921	12768	EnOcean sensor "EnoSense PIR Ceiling / NCC / TAIWAN", PIR motion detector, ceiling mounting, mounting height 2.5 ... 3.0 m, detection radius typ. 5 m at a height of 2.5 m, integrated solar cell, backup battery CR2032 (optional), min. Light intensity 200 lux for 6 hours a day, typically 96 hours running time without light, EnOcean 921 MHz, NCC, TAIWAN; Dimensions: 114 x 66 x 31 mm, ambient temp. 0..60 ° C

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