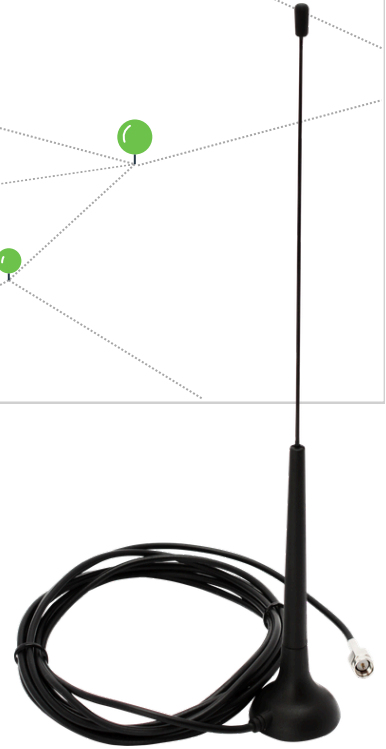


ENOCEAN REPEATER

868 MHz, 902 MHz

EO-RP

EO-RP is a device that extends signal by receiving and re-sending EnOcean telegrams within the building or through barriers.



ENOCEAN is a set of technologies that enables the use of wireless and battery-free elements.

- simple signal enhancer
- mode Level 1, Level 2
- led indication with option to switch it off
- power supply 24-240 V AC, DC
- internal or external antenna
- cover IP 60



| | |
|---|----------------------------|
|  | wireless |
|  | battery-free |
|  | energy harvesting |
|  | environmentally protective |



REPEATER LEVELS

EnOcean repeater supports two repetition levels that determine how many times a telegram can be retransmitted:

LEVEL 1 (SINGLE REPETITION)

- the repeater receives the telegram and retransmits it once
- recommended setting for most installations.

LEVEL 2 (DOUBLE REPETITION)

- the telegram can be repeatedly transmitted via two repeaters
- suitable for very large or complex objects where greater distances need to be covered



Level 1 – forwards only original (unrepeated) telegrams



Level 2 – forwards both original and once repeated telegrams



signal range extension



increasing communication reliability



installation flexibility



TECHNICAL DATA

| CATEGORY | PARAMETER | VALUE |
|----------------------|----------------------------|--|
| Electrical data | Supply voltage range | 24 - 240 V AC / DC |
| | Rated input current | Max. 20 mA |
| | Wire cross-selection | 0,5....2,5 mm ² |
| EnOcean | Frequency | 868 MHz |
| | Communication | Bidirectional |
| | Antenna | External with magnetic base and 2 m long cable |
| Operating conditions | IP code | IP60 |
| | Operating temperature | -20 °C to +70 °C |
| | Relative humidity | Max. 80 % |
| Dimensions | Dimensions without antenna | 75 x 105 x 45 mm (W x H x D) |
| Weight | Weight without antenna | 140 g |
| Box material | Plastic | ABS |



Manufactured in EU (CZ)

FIRVENA's rigorous testing and inspection guarantee the reliability and functionality of every product.

FIRVENA



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