

Field Intensity Meter EPM 300 / EPM 300C (OEM Product)

EPM 300(C) is a mobile device for radio link range testing. It helps electrical installers to find the right position to mount products supporting EnOcean protocol.

EPM300 is equipped with two sensor switches for on/off and mode selection. It will operate with two AA size primary batteries.

EPM 300 (868Mhz) is CE certified and conforms to the R&TTE EU directive on radio equipment. EPM 300C (315Mhz) conforms to the FCC IC requirements.

EPM 300 and EPM 300C are designed and produced as OEM products. They will be brought to market by local OEM manufacturers. They are not considered to be finished end products in terms of documentation, packaging and WEEE (electronic waste regulation). EnOcean will not be reliable for consequences of any HW or SW changes/modifications of the EPM 300(C) done by the first marketer. Product warranty and support will be covered by the OEM.

EPM 300(C) modes:

- **Hold short** will indicate every signal for about 0,5s, this is used to track radio activities with a short period e.g. push and release telegram of PTM switches.
- **Hold long** will indicate every signal for about 1min. This is used to track telegrams with several seconds time gap.
- **Repeater** mode can be used to find the best position for 1-level repeater.
- **Radio Link Test** (RLT) will send telegrams periodically every 2s. This mode can be used to simulate a sensor /switch or to perform radio link statistic tests.



Signal indicators:

- **Signal high (green)** indicates a very well received radio telegram. All kind of EnOcean receivers/transceivers can be placed.
- **Signal low (yellow)** indicates a received telegram with medium field intensity (RSSI) level. An external antenna or repeater is recommended.
- **No installation (red)** indicates a very low RSSI level, installation is not recommended.
- **Signal valid (green)** means a valid EnOcean telegram has been received otherwise it can be a disturbing signal on the same frequency.

OEM label:	43 x 20mm
Housing:	110 x 70 x 25mm
Weight:	85g (w/o battery)
Battery:	AA/LR06 primary cell
Oper. temp.:	0°C - +40°C
Stor. temp.:	-25°C - +65°C
Oper. humidity:	0% - 95% r.h.
Stor. humidity:	0% - 98% r.h.
Prot. category:	IP54
R&TTE:	EN 300 220 (868Mhz)
FCC:	CFR-47 Part15 (315 Mhz)
RoHS:	yes

Type
EPM 300
EPM 300C

Ordering Code
S3004-J300
S3034-J300