

Motionsense

EMO7

The EMO7 Motionsense sensor is designed to detect the presence of movement indoors. The main measured data is the number of recorded movements. The sensor is battery-powered and transmits the measured data wirelessly via the gateway to the cloud.



Technical data

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| Measured data | presence count [-] |
| Physical dimensions | 130 × 80 × 30 mm |
| Weight | 190 g (including batteries) |
| Material | ABS plastic |
| Protection | IP40 |
| Working conditions | from -20 °C to + 60 °C, < 80 % RH (non-condensing) |
| Required accessories | gateway EWG6-C, holder |
| Optional accessories | corner holder |
| Power supply | 3× exchangeable AA alkaline battery 1,5V |
| Battery life | > 2 years (max. 5 years) |
| Connectivity | 433MHz Radio (Chirp protocol) |
| Radio range | < 100 m (depending on the local conditions) |
| Transmitting power | < 10 mW |
| Transmission time | < 5 ms |
| Transmission period | 60 s |
| Accepted state change period | > 5 s |
| Activation | by placing on designated holder |