



### 1.1 Use

**EN022902** window and door contact sensor is used to provide the open/close status of the windows and doors in residential and hotels applications. The sensor sends the status when the magnet is open or closed each time that it's moved and without moving, the status with a radio telegram is sent each 16 minutes

### 1.2 Commissioning

The units are delivered operational, but they will probably need to be recharged, following storing radio sensors in the dark.

- For the first use, charge the energy storage of the sensor at least 200 lux for more than 5 minutes.
- Make sure that the average illumination of at least 100 lux / day
- The power reserve of the sensor (full load) under conditions of absolute darkness is 4 days.

Note: The device is designed for indoor use. Do not mount in places that can be sprayed with water! To clean, wipe with a damp cloth!

### 1.3 Terms of Warranty

This data sheet is part of the warranty conditions and is provided to the equipment user. ENOLUZ reserves the right to modify the technical conditions of the device without notice. The manufacture and quality of the device and keep the current law provisions of the CE, compatibility and European telecommunications policy.

The warranty will not apply in case of wear, misuse or improper installation of the device by the user. The warranty is 24 months to the end user.

### 1.4 Recycling device

This is an electronic device and must deposit a "Clean Point " intended for that purpose under the laws in each country, (DIRECTIVE 2012/19/EU of 4 July 2012 on waste electrical and electronic equipment (WEEE)

The housing is made of recyclable plastic.

## 2. Technical Features

Emitter Frequency	868,3 MHz
Power	Typ. 5dBm (EIRP)
EnOcean Communication Profile EEP	D5-00-01
Power supply	Solar Cell
Storage Temperature	from -20°C to +60°C
Illuminance	> 100 lux at daily average
Certification	CE
Protection Class	IP40
Sensor dimensions (mm)	80 x 25 x 16
Magnet dimensions (mm)	53 x 12 x 5

### 3. Signal Strength –Transmission Range

masonry/brick	20m across 2 walls max
reinforced concrete	10m across 1 wall max
pasterboard/wood	30m across 5 walls max