

# SP-20M

Wireless door sensor



- Easy to use
- Compact
- Long battery life-time
- Automatic radio daily message
- Low battery monitoring
- Wired input
- Tamper switch

The SP-20M is intended to be used in conjunction with activity monitoring operations managed by TeleAlarm Carephones or for transmission of specific events.

The SP-20M can be activated by the movement of a magnet, or by the opening of an electrical contact. When the top housing is removed, a tamper switch detects this event, which is then transmitted to the Carephone.

## Certifications and approvals

LVD 2014/35/EU, EMC 2014/30/EU,  
 RED 2014/53/EU,  
 RoHS 2011/65/EU, WEEE 2012/19/EU,  
 ETSI EN 301489-1 V2.2.3 (2019-11)  
 ETSI EN 301 489-3 V2.1.1 (2019-03)  
 EN 50130-4:2011-06 +A1:2014  
 EN62479:2010  
 ETSI EN 300220-1 V 3.1.1(2017-02)  
 EN 300 220-1 V3.1.1.2017-02,  
 EN 300 220-2 V3.2.1.2018-06  
 EN 300 220-3-1 V2.1.1:2016-12  
 EN 62368-1:2014+A11:2017

## Technical Specifications

Dimensions (H x W x D)	80 x 26 x 32 mm
Weight	79g
Frequency	869.2125 MHz
Power supply	3V lithium battery CR123A
Battery life	> 4 years
Battery alarm	at approx. 20 % remaining
Automatic battery test	daily check and at every alarm
Operating Temperature	0 °C to 55 °C
Frequency stability	< ± 2 KHz
Modulation	FSK (Frequency shifted key)
Antenna	Integrated
Transmission power	- 3 dBm (0.5 mW) (Class B transmission power complies with EN300220)
Minimum range in free field	250 m

## Parts included

Quantity	Component
1	Wireless contact
1	Magnet
4	Screws
1	Adhesive band
1	Battery CR123A
1	Quick Guide (DE/EN/FR/NL)

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