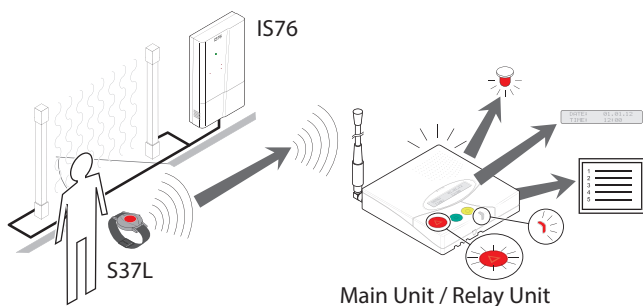


S37L Wristband Transmitter with Locating function



Waterproof and lightweight, the S37L Wristband Transmitter with Locating function enables the user to summon help at any time by pressing a button, which will activate a radio signal to a wireless NurseCall system. It may be worn comfortably as a wristwatch or as a medallion with an adjustable cord. Additionally, the S37L Wristband Transmitter with Locating function allows to locate a patient within a building, giving him freedom of movement while still being under control of staff.

System Overview



The S37L Wristband Transmitter with Locating function is built to interact with the following devices:

- IS75 or IS76 beacon controller
- NurseCall Main or Relay Unit

The S37L Wristband Transmitter with Locating function automatically detects the coded magnetic field of the IS76 (or IS75) beacon. At alarm triggering, the S37L sends the call for help to the NurseCall Main Unit as well as the position of the last passed beacon.

- **Locating at detection beacons**
- **Guarantees fast intervention of staff and freedom of movement for the patient**
- **Modern and attractive design**
- **Waterproof and can be worn on the wrist or as a medallion**
- **Battery-level monitor**

Functions

By pressing the button of the S37L Wristband Transmitter with Locating function, you can activate a call for help and the LED indicator of the transmitter will blink once. In the meantime, the button and the LED indicator of the Main or Relay Unit will start blinking. An alarm/ event data is displayed on the Main or Relay Unit and is stored in the buffer of the system. Cancelling an alarm can be done in two ways. It is always possible on the Main or Relay Unit, or can be done locally by a magnet on the S37L Wristband Transmitter with Locating function, available as an option. The S37L Wristband Transmitter with Locating function can also be used to locate the patient. The Transmitter sends the call for help and the position of the last passed beacon. It can also be used to automatically generate an alarm if the person is approaching a forbidden door/zone ("Dementia" alarm). The S37L Wristband Transmitter with Locating function offers an IP67 waterproof protection and has a built-in automatic battery monitoring with battery low transmission. To ensure correct functioning, it will send an automatic radio daily message to the receiver through radio monitoring. The call button is available in black.

Certifications and Approvals

R&TTE 1999/5/EC

EMC 2004/108/EC

LVD 2006/95/EC

EN 50371 (2002)

EN 55022 (2006, A1: 2007)

EN 60950-1 (2011)

EN 300220-2 V2.3.1

EN 301489-1 V1.8.1

EN 301489-3 V1.4.1

EN 50130-4 (1995, A1: 1998, A2: 2003)

Parts Included

Quantity	Component
1	S37L Wristband Transmitter with Locating function

Technical Specifications

Dimensions (H x W x D)	48 x 42 x 13.5 mm
Weight	22 g
Frequency	434.01 MHz
Protection class	IP 67 (EN 60529)
Power supply	3V lithium battery CR2025
Consumption	Transmission: < 20 mA Idle mode: < 7 μ A
Battery life	18 months, under following conditions: 3 alarms transmissions without repetition per day and 1 daily test transmission (incl. battery status) 15 door beacons passed with a 1-minute pause in the detected area
Battery alarm	at approx. 20 % remaining
Automatic battery test	daily check and at every alarm
Permissible temperature	0 °C to 55 °C
Stability (0 to +55 °C)	< 3 KHz
Modulation:	FSK
Antenna	Integrated loop
Radiated power	50 μ W
Transmission time	2 x 1300 ms
Pause between transmissions	200 to 600 ms (random)
Mindestreichweite im freien Feld	250 m

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