

S85 Pendant Transmitter with cord



- Compact and easy to use
- Worn as a pendant
- Alarm triggering using button or cord
- IP64 waterproof protection
- Battery life of 10 years
- Automatic daily radio monitoring
- Bidirectional radio
- LED shows alarm triggering and low battery status
- LED shows receiver-acknowledgement or missing receiver-acknowledgement
- Repeat mode
- Wireless programming and firmware updates
- Automatic radio link monitoring with 'VDE 0834' protocol
- Battery-level monitoring
- Wall bracket fixing

Its compact size, bidirectional radio connection and ease of operation make the S35 Pendant Transmitter the perfect solution for use in nursing homes. The alarm is triggered by pulling the cord or pressing the red button.

The S85 Pendant Transmitter can be worn clipped onto clothing or around the neck with the pullcord, as well used as a pullcord transmitter mounted on a TeleAlarm S85 wall bracket.

Functions

The S85 Pendant Transmitter offers safe and simply alarm signalling anywhere, any time. To activate a call, the user simply presses the red button or pulls the cord on the S85. The transmitter's tri-colour LED indicator shows the type of alarm and the status of the alarm sent. Care staff are immediately informed over the Nurse Call system. Cancellation of an alarm is done by activating a B81 acknowledgement transmitter within 5cm of the S85.

The S85 transmitter has integrated automatic battery monitoring low-battery status warning signals. To ensure correct operation, it sends an automatic radio message to the receiver every day via radio monitoring. The S85 can be configured to comply with VDE 0834 automatic radio link monitoring. The various alarm calls and all other parameters can be programmed wirelessly.

Certifications and Approvals

RED 2014/53/EU
 EMC 2014/30/EU
 LVD 2014/35/EU
 RoHS 2011/65/EU
 WEEE 2012/19/EU
 EN 62368-1 (2014 + AC :2015)
 EN 62479 (2010)
 EN 50130-4 (2011-06 + A1 :2014)
 EN 300 220-2 V3.1.1 (2017-02)
 EN 301 489-1 V2.2.2 (Final draft: 2019)
 EN 301 489-3 V2.1.1 (2019)
 EN 50581 (2012-09)
 VDE 0834-1 (2016-06)
 VDE 0834-2 (2017)

Parts Included

Quantity	Component
1	S85 Pendant Transmitter, including battery and necklace
1	Leaflet with instructions

Option	
1	Wall bracket
1	Necklace

Ordering information

Part	Designation	Reference
S85-NC	S85 Pendant Transmitter	T.240.001.485
B81-ACK-NC	B81 Acknowledgment Device	T.240.001.487
3V battery set	3V Lithium Battery CR2430 (10 pcs)	4.998.153.678
	Necklace-Set (10 pcs)	4.998.151.848
Wall bracket set	Wall bracket Set (5 pcs)	F.01U.066.724
Spare housing	Spare Housing set S85 (5 pcs)	T.200.001.693

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Technical specifications

Dimensions (H × W × D)	75 × 40 × 25mm
Weight	40g
Frequency	868.8MHz bidirectional
Protection class	IIP 52 (EN 60529)
Power supply	Replaceable lithium battery CR2430
Power consumption	Transmission: max. 25mA Reception: max. 15mA Idle mode: max. 2.5µA
Receiver category	Complies with Cat 1.5 as specified in EN 300220-1 V3.1.1
Battery life	Up to 3 years (according to VDE 0834-1: 5 alarms/day, supervision every 30 seconds) Up to 10 years (5 alarms/day)
Automatic battery test	Daily check and at every alarm
Battery alarm	At approx. 10% remaining
Operating temperature	-10°C to 55°C
Storage temperature	-20°C to 80°C
Frequency stability (-10°C to +55°C)	< 2.5kHz
Modulation	FSK
Antenna	Integrated ceramic
Radiated power	Typ. 1.0mW
Environmental class	I
Maximum range in free field	Up to 300m