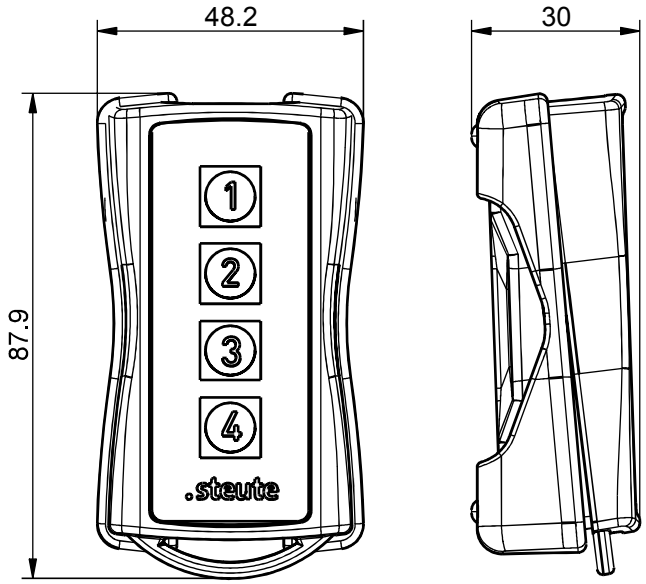
Wireless hand control
RF HB SW868-4CH LBT
Article no.: 1293549

Product features

- Thermoplastic enclosure
- sWave® wireless technology
- Keypad with four function keys
- Surrounding sealing (shock protection)
- With lanyard keychain mounting
- Power supply by Lithium battery
- Easy programming of receiver
- Output signal can be individually configured at the receiver
- LBT - Listen before Talk Firmware

Dimensions



General technical data

Applied standards
EN 300 220-2, EN 301 489-3, EN 62479, EN 60947-5-1, EN 61000-6-2, EN 55011, EN 55032, EN IEC 63000

Enclosure
ABS, graphite grey, similar to RAL 7024

Decor seal
TPE, signal red, similar to RAL 3001

Degree of protection
IP54 (IEC/EN 60529)

Safety class
III

Ambient temperature
–20 °C ⋯ +65 °C

Storage and shipping temperature
–40 °C ⋯ +85 °C

Sensor system
manually operated

Switching system
internal micro switch

Switching elements
NO contact

Mechanical life
> 1 million operations

Actuating time
min. 80 ms

Switching frequency
max. 5 Hz

Note
transmission of battery voltage and switching condition

Weight
60 g

Wireless technology

General

Frequency
868.3 MHz (Europe)

Data rate
66 kbps

Errors and omissions excepted.

Wireless hand control
RF HB SW868-4CH LBT
Article no.: 1293549

Wireless technology (contd.)

Channel bandwidth
350 kHz

Modulation type
2-FSK

Protocol
sWave®

Transmission power
< 25 mW

Wireless approvals
Europe: RED 2014/53/EU

Function

Telegram rate
max. 12000 telegrams with repetitions/h

Wireless range
max. 450 m outdoors, max. 40 m indoors

Note
LBT – can be deactivated via radio receiver (e.g. in conjunction with repeaters)
Go to our different wireless receivers to find corresponding how-to videos.

Voltage supply

Voltage source
lithium battery CR 2032 (replaceable)

System
Lithium-MnO_2

Nominal voltage
3 V

Nominal capacity
0.23 Ah

Standby current
< 3 µA

Battery life
depending on the switching frequency
10 s: 1.0 years; 100 s: 4.6 years; 1000 s: 7.6 years