



Wireless position switch RF 96 DS SW868 LBT Article no.: 1292079

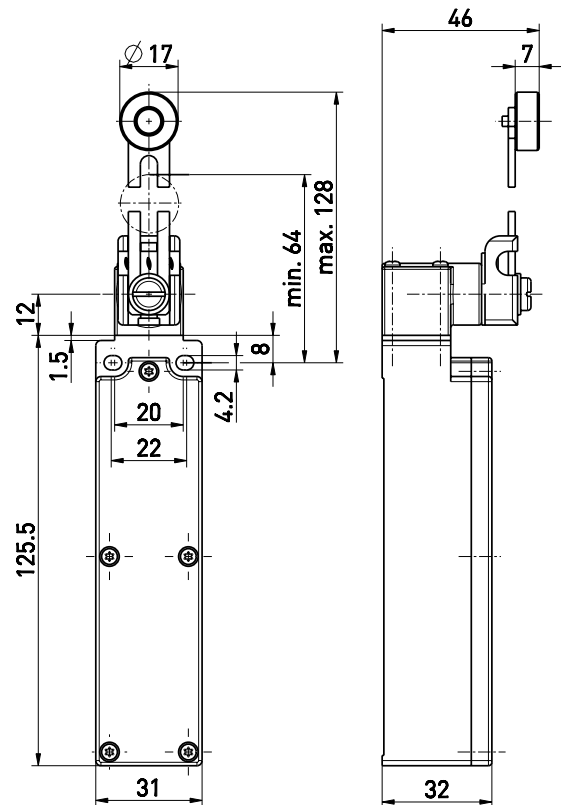
Product features

- Thermoplastic enclosure
- Mounting details to EN 50047
- Output signal can be individually configured at the receiver
- sWave® wireless technology
- No wiring and cable laying required
- Power supply by Lithium battery (replaceable)
- Easy programming of receiver
- LBT - Listen before Talk Firmware
- Actuator: Adjustable rocking lever DS
- Lever angle adjustable in 10° steps
- Position of roller can be adjusted
- Wear-resistant plastic roller
- Actuator can be repositioned by 4 x 90°

Notes

- With metal roller available on request.
- Factory delivery with battery type SL-760 (AA).

Dimensions



General technical data

Applied standards

EN IEC 60947-5-1, EN IEC 61000-6-2, EN IEC 61000-6-3, EN 61000-4-2, EN 301 489-1, EN 301 489-3, EN 300 220-1, EN 300 220-2

Enclosure

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Cover

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Tightening torque

M4 enclosure mounting screws: max 1.2 Nm
M2.5 cover screws: approx. 0.45 Nm

Degree of protection

IP67 (IEC/EN 60529)

Ambient temperature

-20 °C ... +65 °C

Telegram rate

max. 12000 telegrams with repetitions/h

Standby current

1.5 µA

Mechanical life

> 1 million operations

Actuating time

min. 80 ms

Note

status signal – can be individually configured via radio receiver (delivery state: without status signal)
LBT – can be deactivated via radio receiver (e.g. in conjunction with repeaters)
transmission of battery voltage and switching condition

Wireless approvals

Europe: RED 2014/53/EU

Weight

158 g

Errors and omissions excepted.



Wireless position switch

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Wireless technology

Protocol sWave®	Channel bandwidth 350 kHz
Frequency 868.3 MHz (Europe)	Wireless range max. 450 m outdoors, max. 40 m indoors
Transmission power < 25 mW	Modulation type 2-FSK
Data rate 66 kbps	

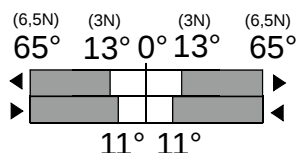
Voltage supply

Voltage source lithium battery Tadiran SL-2770 (C), replaceable	Battery life depending on the switching frequency sensor mainly not activated 1 s: approx. 5.8 years, 10 s: > 10 years*
System Li/SOCl ₂	sensor mainly activated 1 s: approx. 5.6 years, 10 s: > 10 years*
Nominal voltage 3.6 V	* max. manufacturer's specification of storage life
Nominal capacity 8.5 Ah	

Alternative voltage supply

Voltage source lithium battery Tadiran SL-760 (AA), replaceable	Battery life depending on the switching frequency sensor mainly not activated 1 s: approx. 1.6 years, 10 s: > 10 years*
System Li/SOCl ₂	sensor mainly activated 1 s: approx. 1.5 years, 10 s: > 10 years*
Nominal voltage 3.6 V	* max. manufacturer's specification of storage life
Nominal capacity 2.2 Ah	

Switching diagram



Errors and omissions excepted.