



## Position switch RF 96 WK SW917-NET Article no.: on request

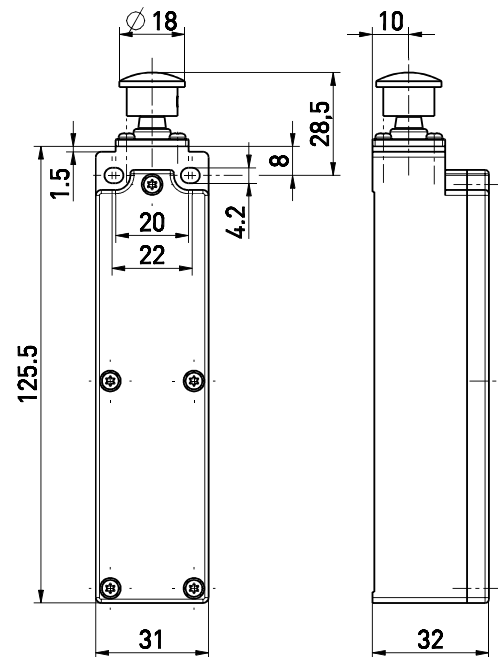
### Product features

- sWave.NET® wireless technology
- Cable-free - with cost savings for installation and maintenance
- Configurable online via wireless interface
- Simple operation and integration in existing ERP systems via Sensor Bridge
- High scalability - up to several hundred sensors in one application
- Battery life approx. 10 years
- Actuator: Cap with collar WK
- Large actuating surface
- Safe switching even with imprecise actuation
- Watertight collar for protection against penetration of dirt

#### Notes

- The battery must be ordered separately.

### Dimensions



### General technical data

#### Applied standards

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

#### Enclosure

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

#### Actuating time

min. 80 ms

#### Mechanical life

> 1 million operations

#### Note

transmission of battery voltage and switching condition

#### Wireless approvals

Brazil: ANATEL 04172-18-06718

### Wireless technology

#### Frequency

917 MHz (Brazil)

#### Data rate

66 kbps

Errors and omissions excepted.



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### Wireless technology (contd.)

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<b>Channel bandwidth</b> 550 kHz	<b>Transmission power</b> < 25 mW
<b>Modulation type</b> 2-FSK	<b>Wireless range</b> max. 450 m outdoors, max. 40 m indoors
<b>Protocol</b> sWave.NET®	

### Voltage supply

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<b>Voltage source</b> lithium battery Tadiran TL-5920 (replaceable)	<b>Nominal voltage</b> 3.6 V
<b>System</b> Li/SOCl <sub>2</sub>	<b>Nominal capacity</b> 8.5 Ah

### Alternative voltage supply

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<b>Voltage source</b> lithium battery Tadiran SL-2770 (C), replaceable	<b>Nominal capacity</b> 8.5 Ah
<b>System</b> Li/SOCl <sub>2</sub>	<b>Battery life</b> depending on the switching frequency, at 6x/minute: > 10 years
<b>Nominal voltage</b> 3.6 V	

Errors and omissions excepted.