



Position switch RF 96 WK SW915-NET Article no.: on request

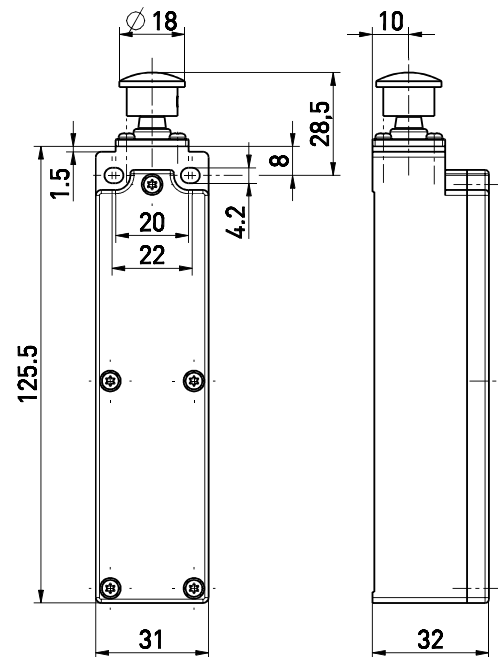
Product features

- 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

USA: FCC-Id. XK5-RFRXSW915

Canada: IC - 5158A-RFRXSW915

Wireless technology

Frequency

915 MHz (USA, Canada)

Data rate

66 kbps

Errors and omissions excepted.



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Wireless technology (contd.)

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

Voltage supply

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

Alternative voltage supply

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

Errors and omissions excepted.