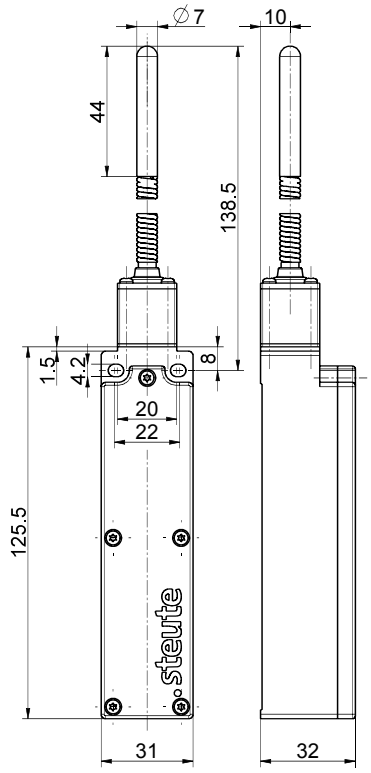
Position switch with spring rod
RF 96 TK SW915B-NET
Article no.: on request

Product features

- sWave.NET® wireless technology
- Thermoplastic enclosure
- Mounting details to EN 50047
- No wiring or cable laying required
- Power supply by lithium battery (replaceable)
- Configurable online via wireless interface
- Actuator: Spring rod with plastic tip TK

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

Mechanical life
> 1 million operations

Actuating time
min. 80 ms

Note
transmission of battery voltage and switching condition

Wireless technology

General

Frequency
914.2 MHz (USA, Canada)

Data rate
62.5 kbps

Channel bandwidth
500 kHz

Modulation type
CSS

Errors and omissions excepted.

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Wireless technology (contd.)

Protocol
sWave.NET®

Transmission power
< 25 mW

Wireless approvals
USA: FCC - VPYLBAA0QB1SJ
Canada: IC - 772C-LBAA0QB1SJ

Function

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

Voltage supply

Voltage source
lithium battery Tadiran TL-5920 (replaceable)

System
$Li/SOCl_2$

Nominal voltage
3.6 V

Nominal capacity
8.5 Ah

Alternative voltage supply

Voltage source
lithium battery Tadiran SL-2770 (C), replaceable

System
$Li/SOCl_2$

Nominal voltage
3.6 V

Nominal capacity
8.5 Ah

Battery life
depending on the switching frequency, at 6x/minute: > 10 years

Errors and omissions excepted.