



## Wireless universal transmitter sWave.NET® RF 96 ST SW915-NET Material number: on request

### Features/Options:

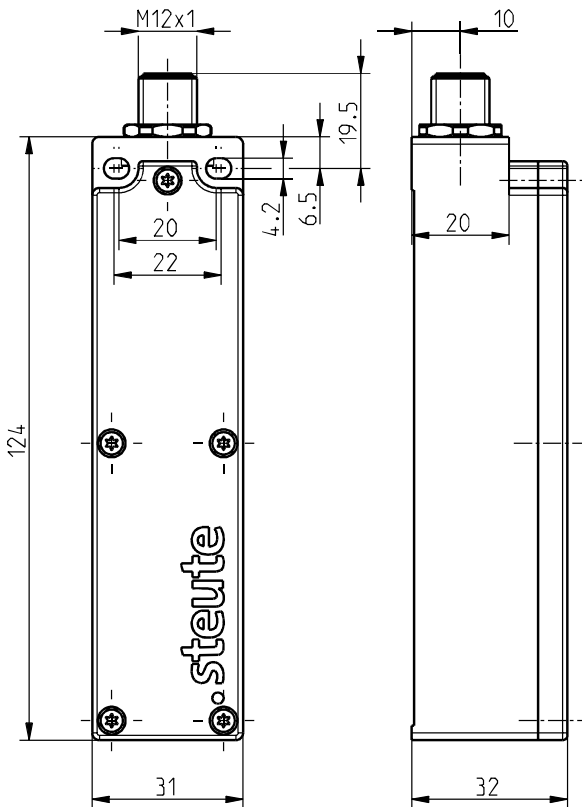
- sWave.NET® wireless technology
- Cable-free - with cost savings for installation and maintenance
- Configurable online via wireless interface
- Simple operation and integration in existing ERP systems via Sensor Bridge

- High scalability - up to several hundred sensors in one application
- Battery life approx. 10 years
- Plug-in connector M12

### Notes

- The battery must be ordered separately

### Dimensions



### Technical data

Applied standards	EN 60947-5-1, EN 61000-6-2, EN 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, impact resistant, 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	IP 67 to IEC/EN 60529
Protocol	sWave.NET®
Frequency	915 MHz (USA, Canada, Mexico, Australia)
Transmission power	< 25 mW
Data rate	66 kbps
Channel bandwidth	550 kHz
Voltage supply	lithium battery Tadiran TL-5903 (replaceable), alternatively SL-760
System	Li/SOCl <sub>2</sub>
Nominal voltage	3.6 V
Nominal capacity	2.2 Ah
Alternatively:	
Voltage supply	lithium battery Tadiran SL-760 (replaceable)
System	Li/SOCl <sub>2</sub>
Nominal voltage	3.6 V
Nominal capacity	2.2 Ah

Errors and omissions excepted.

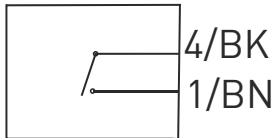


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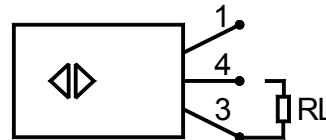
### Technical data

Battery life	depending on the switching frequency 10 s ca. 3.5 years 1 min > 10 years max. manufacturer's specification of storage life
Connection	plug-in connector M12 x 1, 4-pole
Ambient temperature	-20 °C ... +65 °C
Operation cycles	max. 12000 telegrams with repetitions/h
Wireless range	max. 450 m outdoors, max. 40 m indoors
Actuating time	min. 80 ms
Note	transmission of battery voltage and switching condition
Wireless approvals	USA: FCC - XK5-RFRXSW915 Canada: IC - 5158A-RFRXSW915 Mexico: IFT - RCPSTRF17-1886

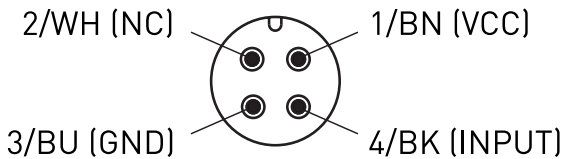
### External switch contact



### Sensors



### Plug-in configuration



NC = not connected

Colour coding only valid for coupling 4-poles mat. no. 1215497 and coupling 4-poles mat. no. 1262873

Errors and omissions excepted.