

# .steute

## Universal transmitter - 4 port RF I/O SW915-NET Article no.: on request

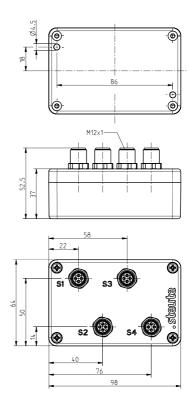
#### **Product features**

- Thermoplastic enclosure
- sWave.NET® wireless technology
- · No wiring and cable laying required
- · Power supply by Lithium battery
- · Configurable online via wireless interface

#### Notes

- The RF I/O may be used in combination with wireless inductive sensor RF IS or wireless magnetic sensor RF RC M10
- Connection of external switching contact (potentialfree contact) with gold contacts possible.
- 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 301 489-1, EN 301 489-3, EN 300 220-1, EN 300 220-2

#### Enclosure

ABS, UL 94 HB, RAL 9005

#### Degree of protection

IP65 (IEC/EN 60529), only with plugged cables and/or with closed protective caps

#### Connection

4 x plug-in connector M12 x 1, 4-pole, A-coded

#### Connectable devices

RF IS M8, RF IS M12, RF IS M18, RF IS M30, RF RC M10, external switches using the coupling with connecting cable 1215497 or 1262873

#### Ambient temperature

-20 °C ··· +65 °C

#### Telegram rate

max. 12000 telegrams with repetitions/h

#### Switching frequency

max. 5 Hz

#### Standby current

60 μΑ

#### Actuating time

min. 80 ms

#### Note

transmission of battery voltage and switching condition

#### Wireless approvals

USA: FCC-Id. XK5-RFRXSW915 Canada: IC - 5158A-RFRXSW915 Mexico: IFT - RCPSTRF17-1886

#### Mounting

screws M4



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#### Wireless technology

Protocol

sWave.NET®

Frequency

915 MHz (USA, Canada, Mexico)

Transmission power

< 25 mW

Data rate

66 kbps

Channel bandwidth

550 kHz

Wireless range

max. 450 m outdoors, max. 40 m indoors

#### Voltage supply

Voltage source

lithium battery Tadiran TL-5903 (replaceable)

System

Li/SOCl<sub>2</sub>

Nominal voltage

3.6 V

Nominal capacity

2.4 Ah

#### Alternative voltage supply

Voltage source

lithium battery Tadiran SL-760 (AA), replaceable

System

Li/SOCl<sub>2</sub>

Nominal voltage

3.6 V

Nominal capacity

2.2 Ah

Battery life - magnetic sensor / external contact

depending on the switching frequency

mainly not activated

10 s: approx. 3.2 years; 100 s: approx. 4.1 years; 1,000 s: approx.

4.2 years

mainly activated

10 s: approx. 2.0 years; 100 s: approx. 2.4 years; 1,000 s: approx.

2.4 years

Battery life – inductive sensor 1 x depending on the switching frequency

mainly not activated

10 s: approx. 0.8 years; 100 s: approx. 0.9 years; 1,000 s: approx.

0.9 years

mainly activated

10 s: approx. 1.3 years; 100 s: approx. 1.5 years; 1,000 s: approx.

1.5 years

Battery life - inductive sensor 4 x

depending on the switching frequency

mainly not activated

10 s: approx. 0.3 years; 100 s: approx. 0.3 years; 1,000 s: approx.

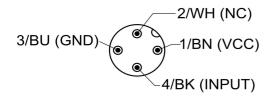
0.3 years

mainly activated

10 s: approx. 0.5 years; 100 s: approx. 0.5 years; 1,000 s: approx.

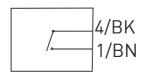
0.5 years

### Plug-in configuration



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

#### External switch contact



Errors and omissions excepted.