



## Universal transmitter - 4 port RF I/O SW917-NET Article no.: 1252008

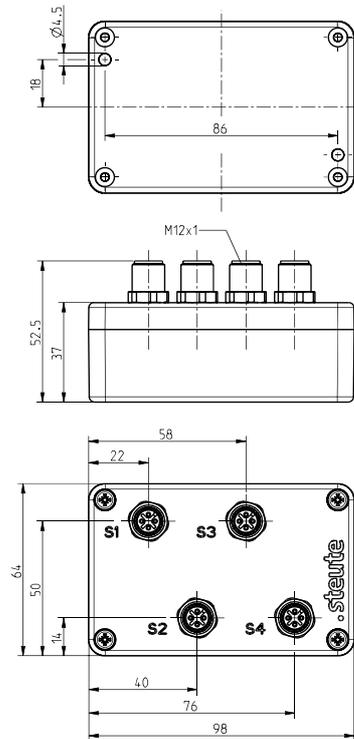
### Product features

- Thermoplastic enclosure
- 4 x plug-in connector M12
- 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 61000-6-3, EN 300 220-2, EN 301 489-3, EN 62479

#### Enclosure

ABS, UL 94 HB, RAL 9005

#### Antenna

integrated antenna

#### Tightening torque

enclosure mounting screws: max. 1.5 Nm  
cover screws: max. 1.5 Nm

#### 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

#### Safety class

III

#### Ambient temperature

-20 °C ... +65 °C

#### Type of installation

mount on an even surface

#### Mounting position

any

#### Mounting

screws M4

#### Telegram rate

max. 12000 telegrams with repetitions/h

#### Actuating time

min. 80 ms

#### Wireless approvals

Brazil: ANATEL 04172-18-06718

Errors and omissions excepted.



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### Wireless technology

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**Frequency**

917 MHz (Brazil)

**Data rate**

66 kbps

**Channel bandwidth**

550 kHz

**Modulation type**

2-FSK

**Protocol**

sWave.NET®

**Transmission power**

&lt; 25 mW

**Wireless range**

max. 450 m outdoors, max. 40 m indoors

### Voltage supply

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**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

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**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**

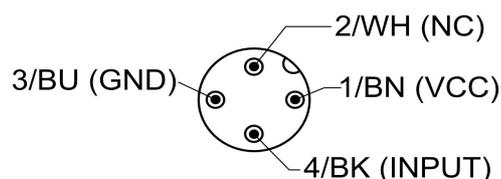
10 s: approx. 0.3 years; 100 s: approx. 0.3 years; 1,000 s: approx. 0.3 years

**mainly activated**

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

### Pin assignment

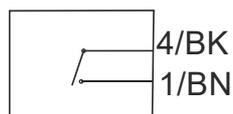
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Colour coding only valid for  
coupling 4-poles mat. no. 1215497 and  
coupling 4-poles mat. no. 1262873

### External switch contact

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