



## Universal transmitter - 4 port RF I/O SW922-NET Article no.: on request

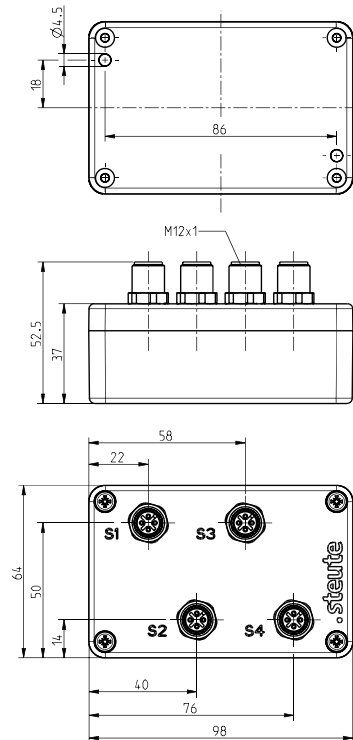
### Product features

- Thermoplastic enclosure
- sWave.NET® wireless technology
- No wiring and pipe 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.

### 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)

#### Connection

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

#### 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

#### Operation cycles

max. 1440 telegrams with repetitions/h

#### Switching frequency

max. 5 Hz

#### Standby current

60 µA


#### Actuating time

min. 80 ms

#### Note

transmission of battery voltage and switching condition

#### Wireless approvals

Japan:  ARIB STD-T108: 204-610002

#### Mounting

screws M4

Errors and omissions excepted.



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### Wireless technology

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Protocol  
sWave.NET®

Frequency  
916.5 MHz (Japan)

Transmission power  
< 1 mW

Data rate  
66 kbps

Channel bandwidth  
520 kHz

Wireless range  
max. 150 m outdoors, max. 20 m indoors

### Voltage supply

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Voltage source  
lithium battery Tadiran SL-760 (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

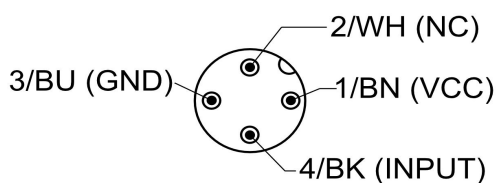
Battery life – inductive sensor 1 x  
depending on the switching frequency  
**mainly not activated**  
10 s: approx. 0.8 years; 100 s: approx. 0.9 years; 1,000 s: approx. 0.9 years

**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

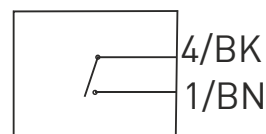
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Colour coding only valid for  
coupling 4-poles mat. no. 1215497 and  
coupling 4-poles mat. no. 1262873

### External switch contact

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Errors and omissions excepted.