



## Tilting sensor RF RW SW922-NET-ESD Article no.: 1266946

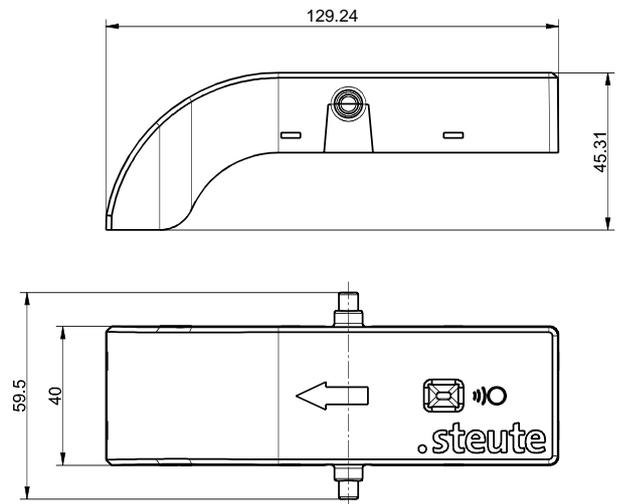
### Product features

- Sensor with sWave.NET® wireless technology for the detection of small parts containers
- Simple assembly in commercially available standard shelves
- Transmission signal configuration
- ESD protection

### Notes

- The wireless tilting sensor and the assembling kit must be ordered individually. The assembling kit is not included with the wireless tilting sensor.

### Dimensions



### General technical data

#### Applied standards

EN 60947-5-1, EN 61000-6-2, EN 61000-6-3, EN 61000-4-20, EN 301 489-3, EN 300 220-2

#### Enclosure

PC-ABS, UL 94 HB, red, similar to RAL 3003

#### Cover

PC-ABS, UL 94 HB, grey, similar to RAL 7015

#### Degree of protection

in installation position: IP54 (IEC/EN 60529)

#### B<sub>10d</sub> (10 % load)

2 million

#### T<sub>M</sub>

max. 10 years, depending on existing actuation frequency

#### Degree of pollution

2

#### LED display

lights up red on actuation

#### Actuating force

0.3 N ... 0.5 N (with vertical actuation; box weight min. 500 g)

#### Roller conveyor incline

-27° ... +90°

#### Mechanical life

> 1 million operations

#### Ambient temperature

-10 °C ... +50 °C

#### Storage and shipping temperature

-10 °C ... +50 °C

#### Shock resistance

16 g

#### Vibration resistance

5 g (10-150 Hz)

#### Wireless approvals

Japan:  ARIB STD-T108: 204-610002

### Wireless technology

#### Frequency

916.5 MHz (Japan)

#### Data rate

66 kbps

#### Channel bandwidth

520 kHz

#### Modulation type

2-FSK

#### Protocol

sWave.NET®

#### Transmission power

< 1 mW

Errors and omissions excepted.



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### Wireless technology (contd.)

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#### Wireless range

max. 150 m outdoors, max. 20 m indoors

### Voltage supply

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#### Voltage source

2 x batteries Mignon/AA/LR6 (replaceable)

#### System

Zn-MnO<sub>2</sub> (Alkaline)

#### Nominal voltage

1.5 V

#### Nominal capacity

2.9 Ah

#### Battery life

approx. 10 years (depending on actuation frequency)

#### Note

- With an RF RW FIX KIT bracket, the wireless rack sensor fulfils the requirements for use in ESD-protected zones. Electrostatic charge is effectively prevented. Neither hazardous potential differences nor hazardous surface potentials occur (does not apply to clips). Any charge can be safely discharged via the housing components to the rack. Contact between the rack sensor and the materials boxes is fundamentally minimalised. The clips are not integrated in the friction system.