



## Wireless tilting sensor sWave.NET® RF RW SW922-NET Material number: on request

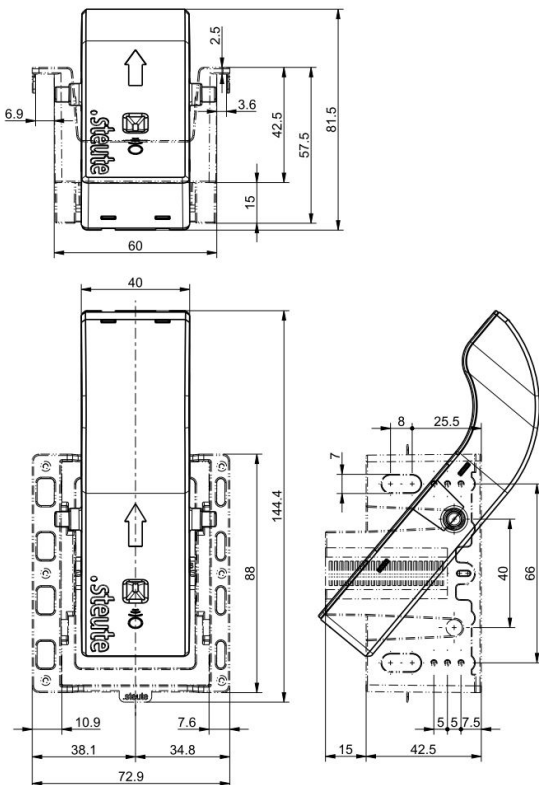
### Features/Options:

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

### 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



### 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	PC-ABS, UL 94 HB, red, similar to RAL 3003
Cover	PC-ABS, UL 94 HB, grey, similar to RAL 7015
Bracket	PC-ABS, grey, similar to RAL 7015
Tensioning clips	POM, black
Degree of protection	in installation position: IP 54 to IEC/EN 60529
Protocol	sWave.NET®
Frequency	916.5 MHz (Japan)
Transmission power	< 1 mW
Data rate	66 kbps
Channel bandwidth	520 kHz
Voltage supply	integrated batteries
Battery life	approx. 10 years (depending on actuation frequency)
$B_{10d}$ (10 % load)	2 million
$T_M$	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°

Errors and omissions excepted.



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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 range  
SW868/915/917:  
max. 450 m outdoors,  
max. 40 m indoors  
SW922:  
max. 150 m outdoors,  
max. 20 m indoors