



## Wireless position switch sWave.NET® RF 96 DF/90° SW868-NET Material number: 1452425

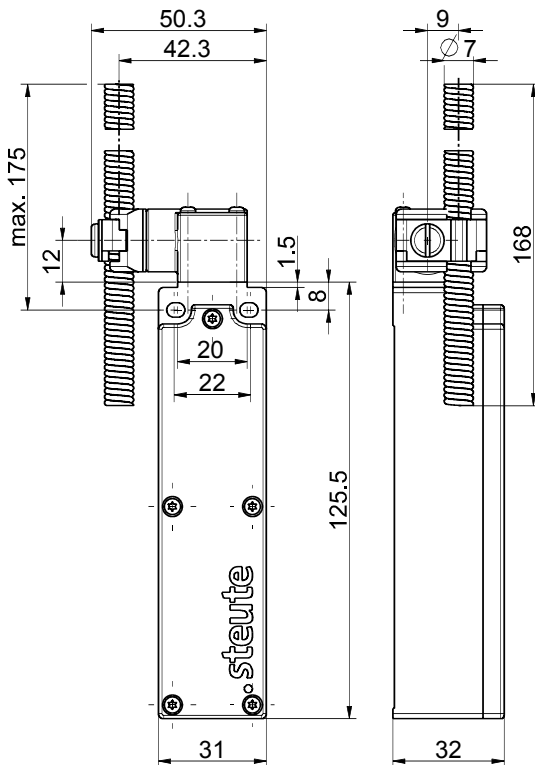
### Features/Options:

- sWave.NET® wireless technology
- Cable-free - with cost savings for installation and maintenance
- Configurable online via wireless interface
- Simple operation and integration in existing ERP systems via Sensor Bridge
- High scalability - up to several hundred sensors in one application

### Notes

- Factory delivery with battery type SL-760 (AA)

### 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	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Tightening torque	M4 enclosure mounting screws: max 1.2 Nm M2.5 cover screws: approx. 0.45 Nm
Degree of protection	IP 67 to IEC/EN 60529
Protocol	sWave.NET®
Frequency	868.3 MHz (Europe, China)
Transmission power	< 25 mW
Data rate	66 kbps
Channel bandwidth	350 kHz
Voltage supply	lithium battery Tadiran SL-2770 (replaceable)
System	Li/SOCl <sub>2</sub>
Nominal voltage	3.6 V
Nominal capacity	8.5 Ah
Battery life	depending on the switching frequency 10 s > 10 years max. manufacturer's specification of storage life
Alternatively:	
Voltage supply	lithium battery Tadiran SL-760 (replaceable)

Errors and omissions excepted.



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## Technical data

System	Li/SOCl <sub>2</sub>
Nominal voltage	3.6 V
Nominal capacity	2.2 Ah
Battery life	depending on the switching frequency 10 s ca. 3.5 years 1 min > 10 years max. manufacturer's specification of storage life
Ambient temperature	-20 °C ... +65 °C
Operation cycles	max. 12000 telegrams with repetitions/h
Wireless range	max. 450 m outdoors, max. 40 m indoors
Actuating time	min. 80 ms
Mechanical life	> 1 million operations
Note	transmission of battery voltage and switching condition
Wireless approvals	Europe: RED 2014/53/EU
Weight	200 g