



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Wireless universal transmitter RF 96 ST SW915 Material-No.: 1428116

Features/Options

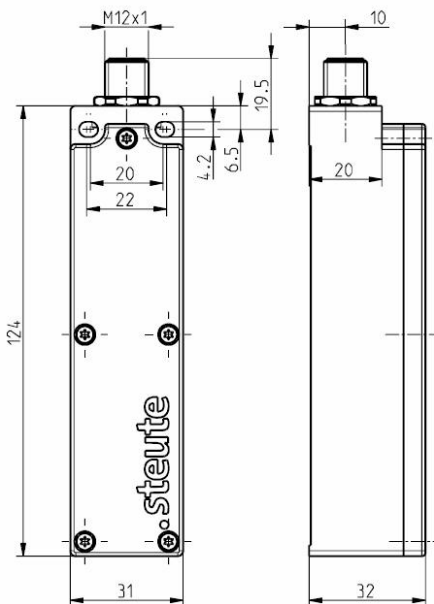
- Thermoplastic enclosure
- Mounting details to EN 50047
- sWave® wireless technology

Note

- The RF 96 ST may be used in combination with an wireless inductive sensor RF IS
- Connection of external switching contact (potentialfree contact) with gold contacts possible.

- Plug-in connector M12
- Easy programming of receiver
- No wiring and pipe laying required
- Power supply by Lithium battery
- Output signal can be individually configured at the receiver

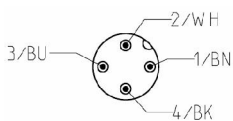
Dimensions



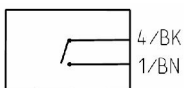
Technical Data

| | |
|-----------------------------|---|
| Standards | EN 60947-5-1; EN 61000-6-2, -6-3, EN 61000-4-2, -4-20; EN 301 489-1; EN 301 489-3; EN 300 220-1; EN 300 220-2 |
| Enclosure | glass-fibre reinforced, shock-proof thermoplastic, self-extinguishing UL 94-V0 |
| Tightening torque | M4 mounting screw enclosure: max. 1.2 Nm |
| Connection | Plug-in connector M12 x 1; 4-pole |
| Degree of protection | IP 67 to IEC/EN 60529 |
| Wireless protocol | sWave® |
| Ambient temperature | -20 °C ... +65 °C |
| Switching frequency | approx. 12000 telegrams at repetitions/h |
| Switching frequency | max. 5 Hz |
| Standby current | 15 µA |
| Voltage supply | Lithium battery SL 2770 (Europe) or TL-5920 (North America) |
| Capacity | 8.5 Ah (SL 2770) and (TL-5920) |
| Frequency | 915 MHz |
| Transmission power | < 25 mW |
| Data rate | 66 kbps |
| Channel bandwidth | 266 kHz |
| Sensing range | max. 450 m outside, max. 40 m inside |
| Battery life | SL-2770 (C) or TL-5920 according to switch frequency, 10 s approx. 1300 days, |
| Actuating time | min. 80 ms |
| Approvals | USA: FCC: XK5-RFRXSW915; Canada: IC: 5158A-RFRXSW915 |

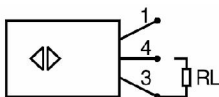
Pin assignment



External switch contact



Sensors



Note status signal configurable ex works, transmission of battery voltage

Errors and omissions excepted.