



## Wireless position switch

RF 95 WK LR SW915

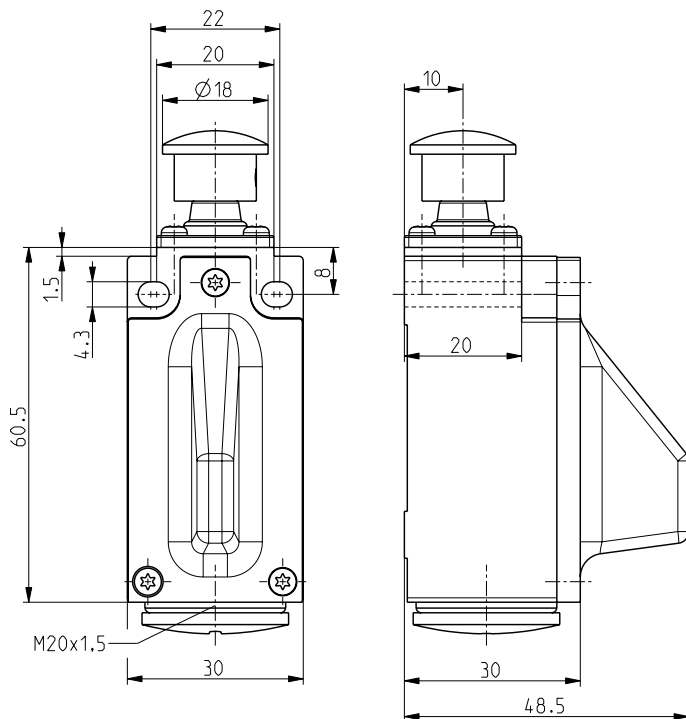
Material number: 1190528 (Material number old: 95902006)

### Features/Options:

- Thermoplastic enclosure
- Design to EN 50047
- sWave® wireless technology
- No power supply, no wiring and pipe laying required
- Easy programming of receiver
- Output signal can be individually configured at the receiver

- Actuator: Cap with collar WK
- Large actuating surface
- Safe switching even with imprecise actuation
- Suitable for manual actuation
- Watertight collar for protection against penetration of dirt

### Dimensions



### Technical data

|                      |                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------|
| Applied 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 V-0                               |
| Cover                | glass-fibre reinforced, shock-proof thermoplastic, self-extinguishing UL 94 V-0                               |
| Tightening torque    | enclosure mounting screws: 1.2 ... 1.3 Nm<br>cover screws: 0.5 ... 0.6 Nm                                     |
| Degree of protection | IP 67 to IEC/EN 60529                                                                                         |
| Protocol             | sWave®                                                                                                        |
| Ambient temperature  | -20 °C ... +65 °C                                                                                             |
| Operation cycles     | approx. 12000 telegrams with repetitions/h                                                                    |
| Voltage supply       | Electrodynamic energy generator                                                                               |
| Frequency            | 915 MHz (USA, Canada and Mexico)                                                                              |
| Transmission power   | < 25 mW                                                                                                       |
| Data rate            | 66 kbps                                                                                                       |
| Channel bandwidth    | 550 kHz                                                                                                       |
| Wireless range       | max. 450 m outside,<br>max. 40 m inside                                                                       |
| Mechanical life      | > 1 million operations                                                                                        |
| Actuating time       | min. 80 ms                                                                                                    |
| Note                 | no status signal available                                                                                    |



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#### Wireless approvals

USA: FCC Part 15.247: XK5-  
RF95 SW915 SR;  
Canada: IC RSS-210: 5158A-  
RF95 SW915 SR  
Mexico: IFT - RCPSTRF17-1885

### Switching diagram

