Wireless universal transmitter
RF I/O SW915-4E
Material number: 1432305

Features/Options
- Thermoplastic enclosure
- sWave® wireless technology
- No wiring and pipe laying required
- Power supply by Lithium battery
- Easy programming of receiver
- Output signal can be individually configurated at the receiver
- Connection of external switching contact (potentialfree contact) with gold contacts possible.
- Delivery does not include protective caps.

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

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
ABS (Acrylnitril-Butadien-Styrol)

Connection
4 x 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

Operation cycles
approx. 12000 telegrams at repetitions/h

Switching frequency
max. 5 Hz

Standby current
60 µA

Voltage supply
Lithium battery Tadiran SL-760 (Europe); TL-5903 (North America) system Li/SOCl2; (replaceable)

Nominal voltage
3.6 V

Capacity
2.2 Ah

Frequency
915 MHz (USA, Canada and Australia)

Transmission power
< 10 mW

Data rate
66 kbps

Channel bandwidth
400 kHz

Sensing range
max. 450 m outside, max. 40 m inside

Battery life
depending on the switching frequency and number and type of sensors for 1000 transfers/day and one inductive sensor approx. 300 days; for 1000 transfers/day and one mechanical switch approx. 1400 days

Actuating time
min. 80 ms

Approvals
USA: FCC: XK5-RFRXSW915;
Canada: IC: 5158A-RFRXSW915

Note
Transmission of battery voltage; status signal individually adjustable via jumper, no, 10 s, 100 s, 1000 s, 10 000 s

Errors and omissions excepted.

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Sensors

External switch contact