



Wireless universal transmitter RF I/O

Features/Options:

- Thermoplastic enclosure
- sWave® wireless technology (SW868/SW915/SW917/SW922)
- No wiring and pipe laying required
- Power supply by Lithium battery
- Easy programming of receiver
- Output signal can be individually configured at the receiver

Notes

- The RF I/O may be used in combination with wireless inductive sensor RF IS
- Connection of external switching contact (potentialfree contact) with gold contacts possible.
- Delivery does not include protective caps.

Technical data

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
Protocol	sWave®
Ambient temperature	-20 °C ... +65 °C
Switching frequency	max. 5 Hz
Standby current	60 µA
Voltage supply	Lithium battery Tadiran SL-760 (replaceable)
System	Li/SOCl ₂
Nominal voltage	3.6 V
Capacity	2.2 Ah
Frequency	868.3 MHz (EU, Switzerland) or 915 MHz (USA, Canada and Mexico) or 917 MHz (Brazil) or 916.5 MHz (Japan)
Data rate	66 kbps
Wireless range	SW868/915/917: max. 450 m outside, max. 40 m inside SW922: max. 150 m outside, max. 20 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

Errors and omissions excepted.



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Technical data

Note

Status signal adjustable via jumper, no, 10 s, 100 s, 1000 s, 10000 s
Delivery state: jumper position without status signal
Transmission of battery voltage and switching condition