



Wireless magnetic sensor RF RC M30 SW917NG KST LBT Article no.: 1474235

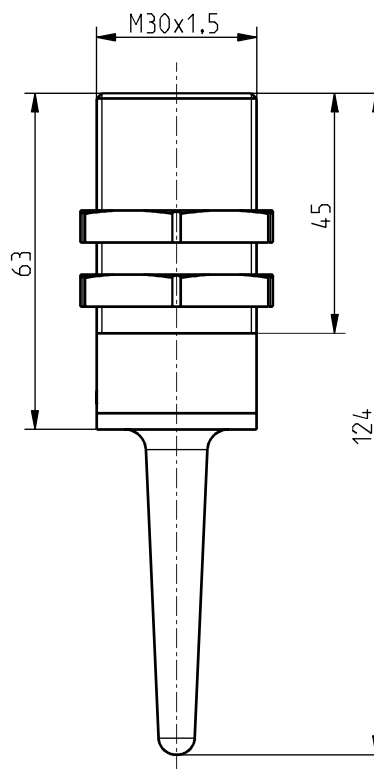
Product features

- Thermoplastic enclosure
- sWave® wireless technology
- Power supply by lithium battery
- No wiring or cable laying required
- Easy programming of receiver
- Output signal can be individually configured at the receiver
- LBT - Listen Before Talk firmware

Notes

- 2 mounting nuts are included in delivery.
- The actuator is not included in the delivery of the switches.
- This is available for sale within Australia/NZ only through our partner NHP Electrical engineering Products Pty. Ltd.

Dimensions



General technical data

Applied standards

IEC 60947-5-1, CISPR 32:2015 + AMD1:2019; ARPANSA S-1:2021;
AS/NZS 2772.2:2016 + AMD1:2018; ACMA
Radiocommunications Equipment (General) Rules 2021; NZ
RSM General User Radio Licence – Special Condition 23

Enclosure

PVC-C, grey

Tightening torque

mounting nut: max. 4 Nm

Degree of protection

IP67 (IEC/EN 60529)

Type of installation

flush, in not ferromagnetic material

Safety class

III

Ambient temperature

-20 °C ... +65 °C

Switching system

reed contact

Rated switching distance s_n

M 100: 15 mm; M 30 Niro: 30 mm

Hysteresis

< 1 mm

Switching frequency

max. 5 Hz

Actuating time

min. 80 ms

Note

transmission of battery voltage and switching condition



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Wireless technology

General

Frequency

917.0 MHz (Australia)

Data rate

66 kbps

Channel bandwidth

550 kHz

Modulation type

2-FSK

Protocol

sWave®

Transmission power

< 25 mW

Wireless approvals

Australia: 

Function

Telegram rate

max. 12000 telegrams with repetitions/h

Wireless range

max. 450 m outdoors, max. 40 m indoors

Collision avoidance procedure

LBT - Listen Before Talk software

Note

LBT – can be deactivated via radio receiver (e.g. in conjunction with repeaters)

status signal – can be individually configured via radio receiver (delivery state: without status signal)

Go to our different wireless receivers to find corresponding how-to videos.

Voltage supply

Voltage source

lithium battery CR 2032 (replaceable)

System

Lithium-MnO₂

Nominal voltage

3 V

Nominal capacity

0.23 Ah

Standby current

< 2 µA (< 5 µA activated)

Battery life

depending on the switching frequency (typ. @ 20 °C)

10 s: 1.1 years; 100 s: 5.0 years; 1000 s: 7.6 years; without: 8.0 years