



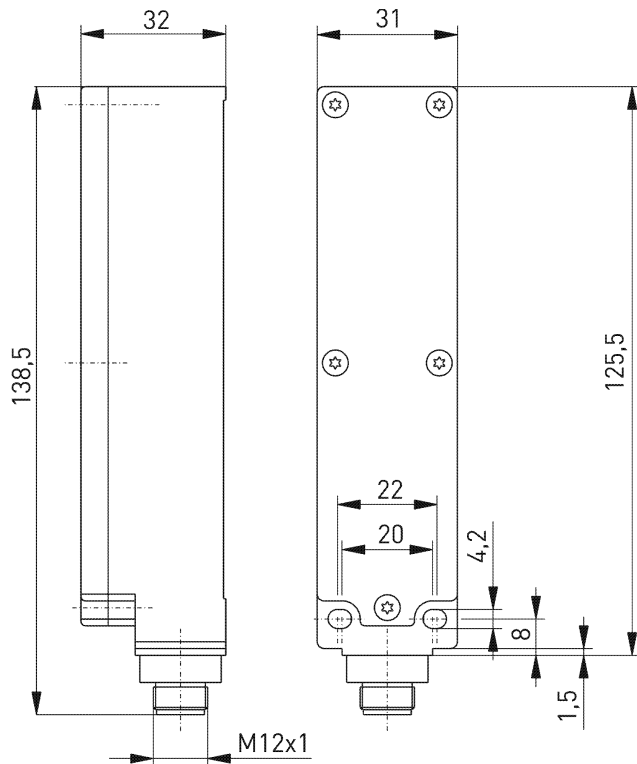
Wireless universal transmitter // RF 96 ST EN868

Features/Options

- Thermoplastic enclosure
- Mounting details to EN 50047
- M12 coupling
- EnOcean standard
- No wiring and pipe laying required

- Power supply by Lithium battery
- Easy programming of receiver
- Multi-network capable
- Output signal can be individually configured at the receiver

Dimensions



Technical data

Standards	EN 60947-5-1; EN 61000-6-2; EN 301 489-1; EN 301 489-3; EN 300 220-2; EN 300 220-3
Enclosure	Glassfibre reinforced thermoplastic, self-extinguishing UL 94-V0
Connection	Plug-in connector M12x1, 4-poles
Degree of protection	IP 67 per IEC/EN 60529
Wireless protocol	EnOcean
Ambient temperature	-20 °C ... +65 °C
Switching frequency	5 Hz
Standby current	1.5 µA
Voltage supply	Lithium battery (replaceable)
Capacity	8.5 Ah
Frequency	868.3 MHz
Transmission power	max. 10 mW
Modulation process	ASK
Telegram type	RPS type 2
Data rate	120 kbps
Channel bandwidth	280 kHz
Sensing range	max. 300 m outside, max. 30 m inside
Battery life	according to switch frequency, 1 s approx. 780 days, 10 s approx. 1300 days, 100 s approx. 1400 days
Actuating time	min. 80 ms
Switching frequency input	max. 5 Hz
Note	status signal configurable ex works, transmission of battery voltage
Approvals	

Errors and omissions excepted.



Wireless universal transmitter // RF 96 ST EN868

Ordering details

RF 96 ST	Type RF 96 ST EN868	Order no. 66800201
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Accessories

Wireless Receiver RF Rx EN868-1W	Type Wireless Receiver RF Rx EN868-1W 24 VDC	Order no. 90590001
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Wireless Receiver RF Rx EN868-NPN

Wireless Receiver RF Rx EN868-PNP

Type Wireless Receiver RF Rx EN868-PNP 24 VDC
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Order no. 90590003





Wireless universal transmitter // RF 96 ST EN868

Accessories

Wireless Receiver
RF Rx EN868-1W



Type
Wireless Receiver RF Rx EN868-1W 24 VAC/DC

Order no.
90590007

Wireless Receiver
RF Rx EN868-2W



Type
Wireless Receiver RF Rx EN868-2W 24 VAC/DC

Order no.
90590012

Wireless Receiver
RF Rx EN868-2W-RS232



Type
Wireless Receiver RF Rx EN868-2W-RS232 24 VAC/DC

Order no.
90590008



Wireless universal transmitter // RF 96 ST EN868

Accessories

Wireless Receiver
RF Rx EN868-2W-s-RS232



Type
Wireless Receiver RF Rx EN868-2W-s-RS232 24 VDC

Order no.
90590021

Wireless Receiver
RF Rx EN868-4W



Type
Wireless Receiver RF Rx EN868-4W 24 VAC/DC

Order no.
90590006

Wireless Receiver
RF RxT EN868-USB



Type
Wireless Receiver RF RxT EN868-USB

Order no.
90590017



Wireless universal transmitter // RF 96 ST EN868

Accessories

Wireless Repeater
RF RxT EN868-1K



Type
Wireless Repeater RF RxT EN868-1K

Order no.
90590004

Wireless Repeater
RF RxT EN868-230V



Type
Wireless Repeater RF RxT EN868-230VAC

Order no.
90590020

Remote transmitter R 101 EN868



Type
Remote transmitter R 101 EN868

Order no.
01.08.0282



Wireless universal transmitter // RF 96 ST EN868

Accessories

Field strength indicator EPM 300



Type
Field strength indicator EPM 300

Order no.
90598005

Power supply



Type
Power supply 24V DC

Order no.
90598012

RF magnet antenna 868 MHz



Type
RF Magnet antenna EN868 2.5 m

Order no.
01.08.0386

RF SMA antenna socket



Type
RF SMA antenna socket 0.5 m

Order no.
90598001



Wireless universal transmitter // RF 96 ST EN868

Accessories

RF SMA antenna extension



Type
RF SMA antenna extension 3 m

Order no.
90598002

RF High gain antenna EN868



Type
RF High gain antenna EN868

Order no.
90598003

RF SMA N antenna extension for high gain antenna



Type
RF SMA N antenna extension 5 m
RF SMA N antenna extension 10 m

Order no.
90598004
90598008



Wireless universal transmitter // RF 96 ST EN868

Accessories

Mounting bracket for high gain antenna



Type

Mounting bracket for high gain antenna

Order no.

90598006