



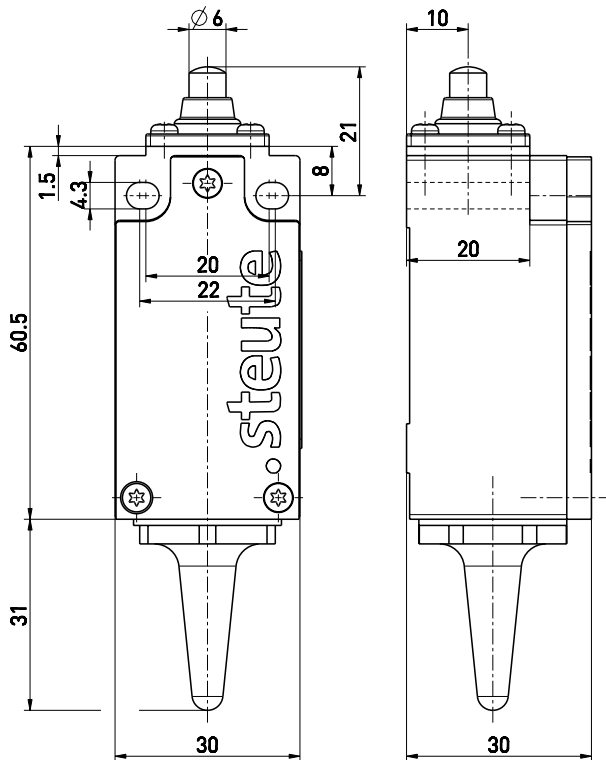
## Wireless position switch RF 95 EN868

### Features/Options

- Thermoplastic enclosure
- Design according to EN 50047
- EnOcean wireless technology
- No power supply, no wiring and pipe laying required

- Easy programming of receiver
- Multi-network capable
- Output signal can be individually configured at the receiver
- Ex version available  
[/Ex wireless position switch Ex RF 95](#)

### 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	glass-fibre reinforced, shock-proof thermoplastic, self-extinguishing UL 94-V0
Cover	Glass-fibre reinforced thermoplastic, self-extinguishing UL 94-V0
Degree of protection	IP 67 to IEC/EN 60529
Wireless protocol	EnOcean®
Ambient temperature	-20 °C ... +65 °C
Switching frequency	approx. 9000 telegrams at repetitions/h
Voltage supply	Electrodynamic energy generator
Frequency	868.3 MHz
Transmission power	max. 10 mW
Data rate	120 kbps
Channel bandwidth	280 kHz
Sensing range	max. 300 m outside, max. 30 m inside
Mechanical life	> 1 million operations
Actuating time	min. 80 ms
Note	no status signal available
Approvals	

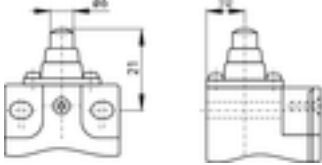
Errors and omissions excepted.



## Wireless position switch RF 95 EN868

### Ordering details

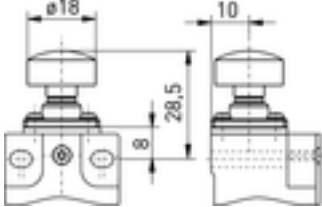
Plunger with collar W



Type  
RF 95 W EN868

Material no.  
1180482

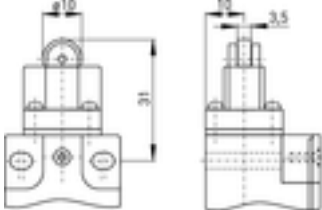
Cap with collar WK



Type  
RF 95 WK EN868

Material no.  
1181034

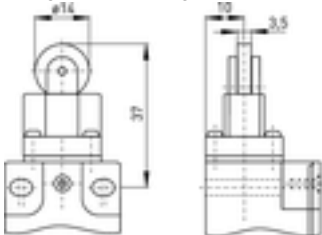
Roller plunger R



Type  
RF 95 R EN868

Material no.  
1180966

Long roller plunger RL



Type  
RF 95 RL EN868

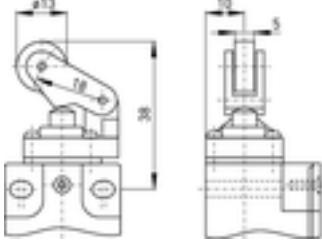
Material no.  
1180942



## Wireless position switch RF 95 EN868

### Ordering details

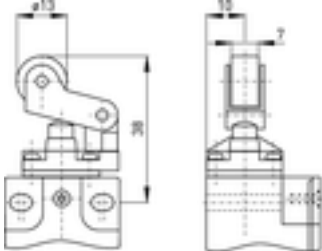
Roller lever with collar WH



Type  
RF 95 WH EN868

Material no.  
1182320

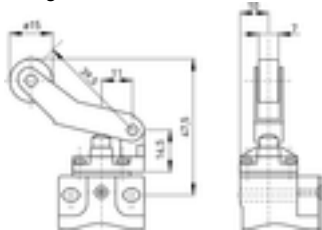
Metal roller lever with collar WHM



Type  
RF 95 WHM EN868

Material no.  
1182166

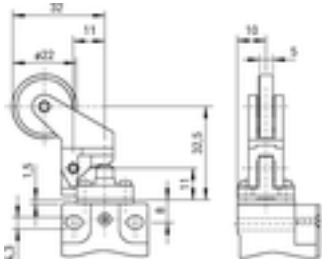
Long metal roller lever with collar WHLM



Type  
RF 95 WHLM EN868

Material no.  
1183998

Plastic roller lever with collar 4K



Type  
RF 95 4K EN868

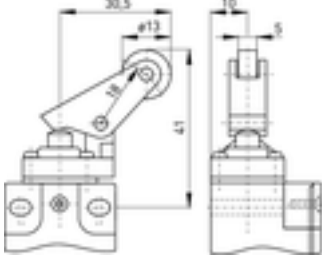
Material no.  
1184222



## Wireless position switch RF 95 EN868

### Ordering details

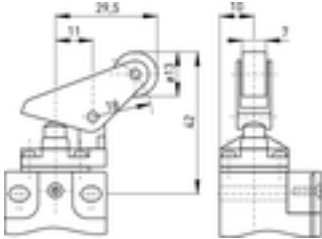
Parallel roller lever with collar WPH



Type  
RF 95 WPH EN868

Material no.  
on request

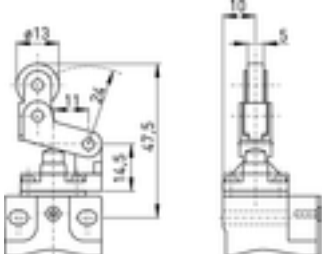
Parallel metal roller lever with collar WPHM



Type  
RF 95 WPHM EN868

Material no.  
1182394

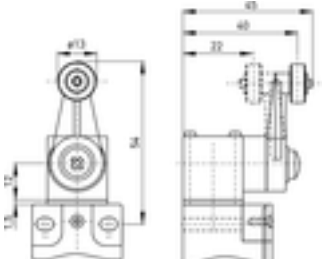
Offset metal roller lever with collar WHKM



Type  
RF 95 WHKM EN868

Material no.  
on request

Rocking lever D



Type  
RF 95 D EN868

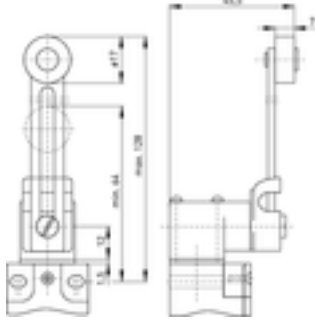
Material no.  
1181146



## Wireless position switch RF 95 EN868

### Ordering details

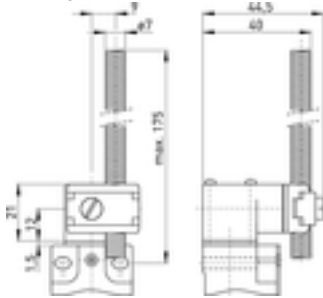
Adjustable rocking lever DS



Type  
RF 95 DS EN868

Material no.  
1181110

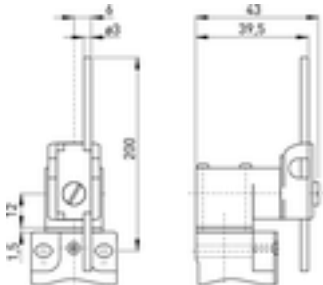
Spring-rod lever DF



Type  
RF 95 DF EN868

Material no.  
1182128

Rod lever DD



Type  
RF 95 DD EN868

Material no.  
1183399



## Wireless position switch RF 95 EN868

### Accessories

Wireless receiver  
RF Rx EN868-1W



Type  
Wireless receiver RF Rx EN868-1W 24 VDC

Material no.  
1182580

Wireless receiver  
RF Rx EN868-NPN



Wireless receiver  
RF Rx EN868-PNP

Type  
Wireless receiver RF Rx EN868-PNP 24 VDC

Material no.  
1182582

Wireless receiver  
RF Rx EN868-1W



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

Material no.  
1186059



## Wireless position switch RF 95 EN868

### Accessories

Wireless receiver  
RF Rx EN868-2W



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

Material no.  
1187216

Wireless receiver  
RF Rx EN868-2W-RS232



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

Material no.  
1186804

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



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

Material no.  
1189512



## Wireless position switch RF 95 EN868

### Accessories

Wireless receiver  
RF Rx EN868-4W



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

Material no.  
1185835

Wireless receiver  
RF RxT EN868-USB



Type  
Wireless receiver RF RxT EN868-USB

Material no.  
1187937

Wireless repeater  
RF RxT EN868-1K



Type  
Wireless repeater RF RxT EN868-1K

Material no.  
1183346





## Wireless position switch RF 95 EN868

### Accessories

Wireless repeater  
RF RxT EN868-230V



Type  
Wireless repeater RF RxT EN868-230VAC

Material no.  
1188753

Remote transmitter R 101 EN868



Type  
Remote transmitter R 101 EN868

Material no.  
1182110

Field strength testing tool EPM 300 EN868



Type  
Field strength testing tool EPM 300 EN868

Material no.  
1187180



## Wireless position switch RF 95 EN868

### Accessories

#### Power supply



Type  
Power supply 24V DC

Material no.  
1188751

#### RF magnet antenna 868 MHz



Type  
RF Magnet antenna EN868 2.5 m

Material no.  
1186143

#### RF SMA antenna socket



Type  
RF SMA antenna socket 0.5 m

Material no.  
1185712

#### RF SMA antenna extension



Type  
RF SMA antenna extension 3 m

Material no.  
1186734



## Wireless position switch RF 95 EN868

### Accessories

RF High gain antenna EN868



Type  
RF High gain antenna EN868

Material no.  
1187161

RF SMA N antenna extension for high gain antenna

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

Material no.  
1187162  
1187254

Mounting bracket for high gain antenna



Type  
Mounting bracket for high gain antenna

Material no.  
1187183