

## Wireless elements - PSD-S MUX SET/UL - 2701566

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Wireless multiplexer set with C-UL-US approval for mirroring the status of a signal tower to one other signal tower; set consists of a master with external antenna and a slave with internal antenna, 24 V AC/DC, black

### Your advantages

- Existing signal towers can be extended without additional wiring
- Can be operated parallel to other wireless applications
- Range of a wireless element with a free line of sight of up to 300 m

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 801966
GTIN	4046356801966

### Technical data

#### Note

Trade restriction	The products are offered exclusively for export outside the EU and the European Economic Area.
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#### Dimensions

Caption	Master
Diameter	70 mm
Height	65.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Degree of protection	IP65, when installed or with cover

#### General

Material	Polycarbonate PC
Color	black

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## Technical data

### General

Weight	184 g
Mounting position	The master and slave are the bottom element in the signal tower
Assembly instructions	Rubber seal pre-installed for each element
Number of mountable signal elements	4 (on both master and slave)

### Master

Interfaces	USB, for configuration
Operating voltage	24 V DC (pos. + neg. logic)
Maximum inrush current	430 mA
Current consumption	max. 40 mA (own current consumption)
	max. 860 mA (total current of the elements above the master)

### Slave

Interfaces	USB, for configuration
Operating voltage	24 V AC/DC
Maximum inrush current	430 mA
Current consumption	max. 40 mA

### Wireless interface

Modulation type	2 FSK
Frequency band	915 MHz ISM band
Transmission power	10 dBm (at 50 Ohm)
Range	300 m, maximum
Transmission speed	38.4 kbps

### Approvals / conformities

Electromagnetic compatibility	Conforms with guidelines: FCC Part 15.249/IC: RSS-210 Issue 8, RSS-GEN Issue 4, RSS-102 Issue 4
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### Standards and Regulations

Electromagnetic compatibility	Conforms with guidelines: FCC Part 15.249/IC: RSS-210 Issue 8, RSS-GEN Issue 4, RSS-102 Issue 4
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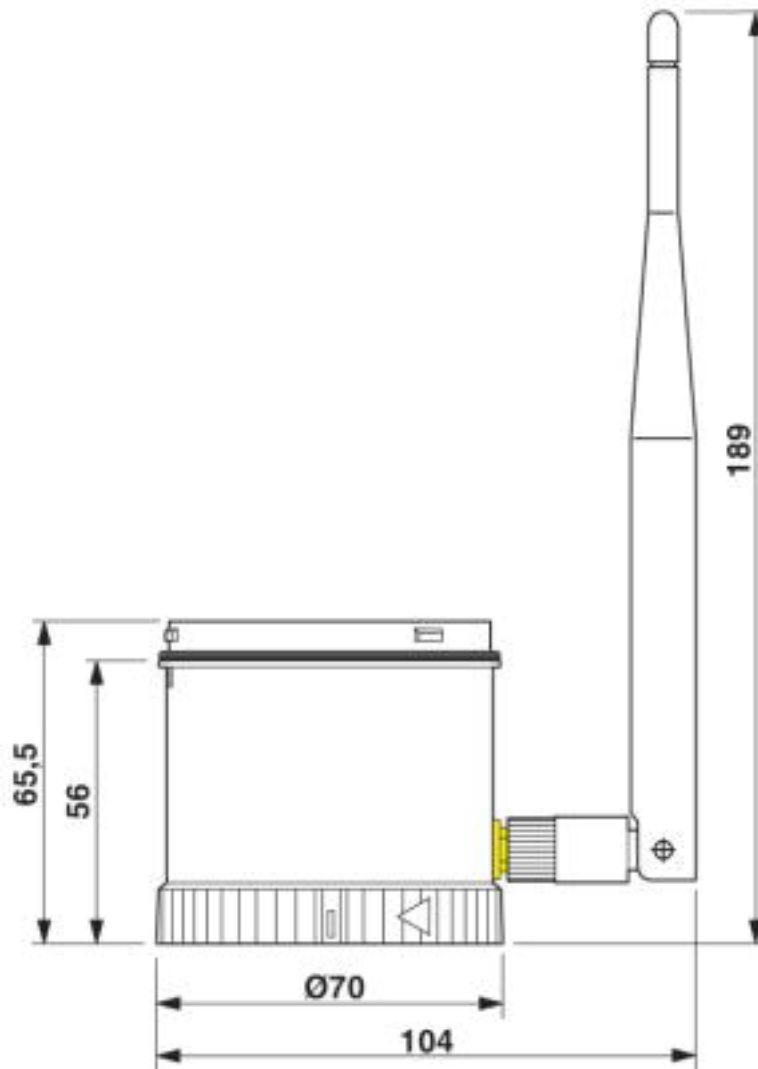
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

## Wireless elements - PSD-S MUX SET/UL - 2701566

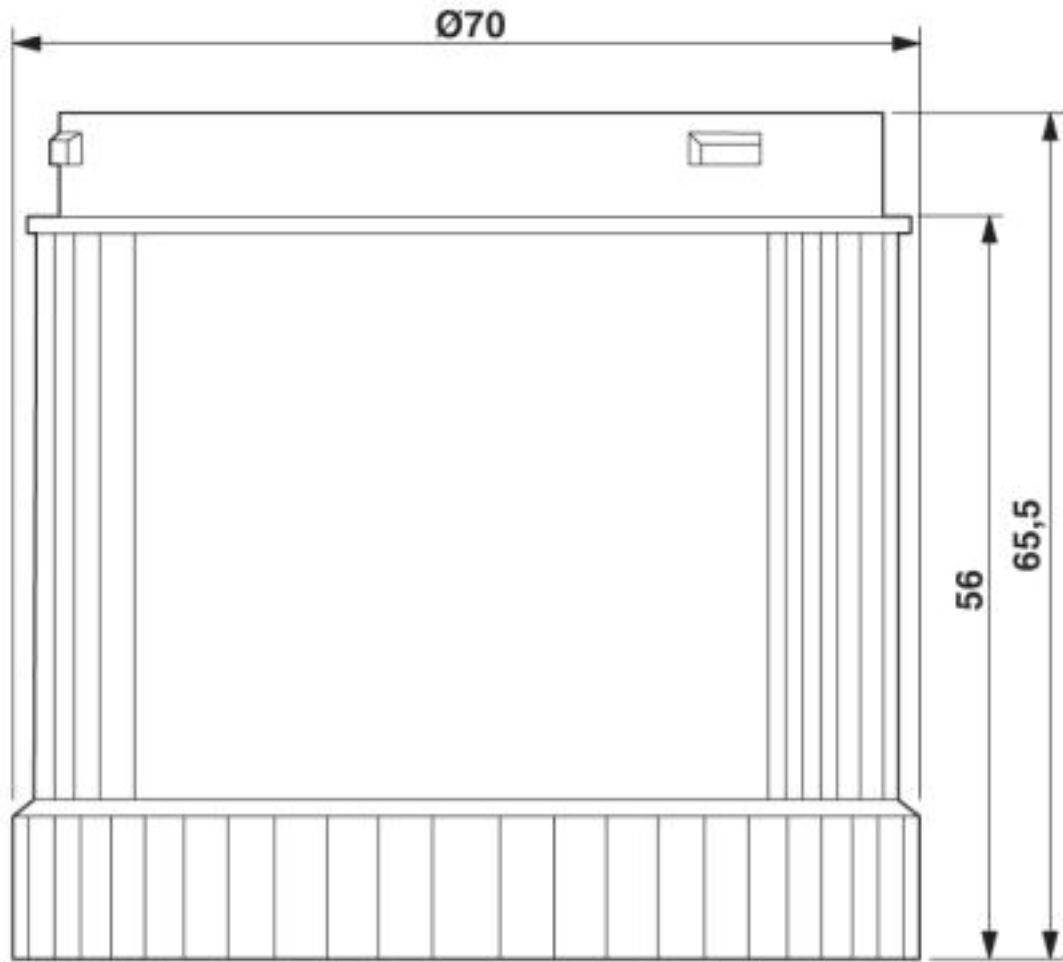
Dimensional drawing



Master

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Dimensional drawing



Slave

## Classifications

eCl@ss

eCl@ss 4.0	27240208
eCl@ss 4.1	27240208
eCl@ss 5.0	27371214
eCl@ss 5.1	27371214
eCl@ss 6.0	27371214
eCl@ss 7.0	27371214
eCl@ss 8.0	27371230

ETIM

ETIM 3.0	EC001026
ETIM 4.0	EC001152
ETIM 5.0	EC001042

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### Classifications

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	39121311
UNSPSC 13.2	39121311

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