

PSD-S MUX SET/UL - Wireless elements



2701566

<https://www.phoenixcontact.com/us/products/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

Commercial data

Item number	2701566
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR07
Product key	DRL115
GTIN	4046356801966
Weight per piece (including packing)	102.2 g
Weight per piece (excluding packing)	102.2 g
Customs tariff number	85318095
Country of origin	DE

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Technical data

Product properties

Product type	Wireless element
Scope of supply	1 transmitter module (slave) and 1 receiver module (master)
Number of mountable signal elements	4 (on both master and slave)

Interfaces

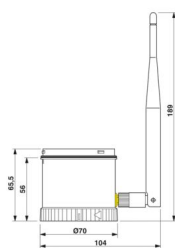
Functions

Wireless licenses	USA, Canada
Country support	USA
	Canada

Wireless

Modulation type	2 FSK
Frequency	913 MHz
Frequency band	915 MHz
Transmission power	10 dBm (at 50 Ohm)
Range	max. 300 m
Transmission speed	38.4 kbps

Dimensions

Dimensional drawing	
Height	65.5 mm
Diameter	70 mm
Note on dimensions	with perpendicular antenna: width 104 mm, height 189 mm

Material specifications

Color	black
Material	Polycarbonate PC

Environmental and real-life conditions

Ambient conditions

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

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EMC data

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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Mounting

Assembly note	Rubber seal pre-installed for each element
Mounting position	The master and slave are the bottom element in the signal tower

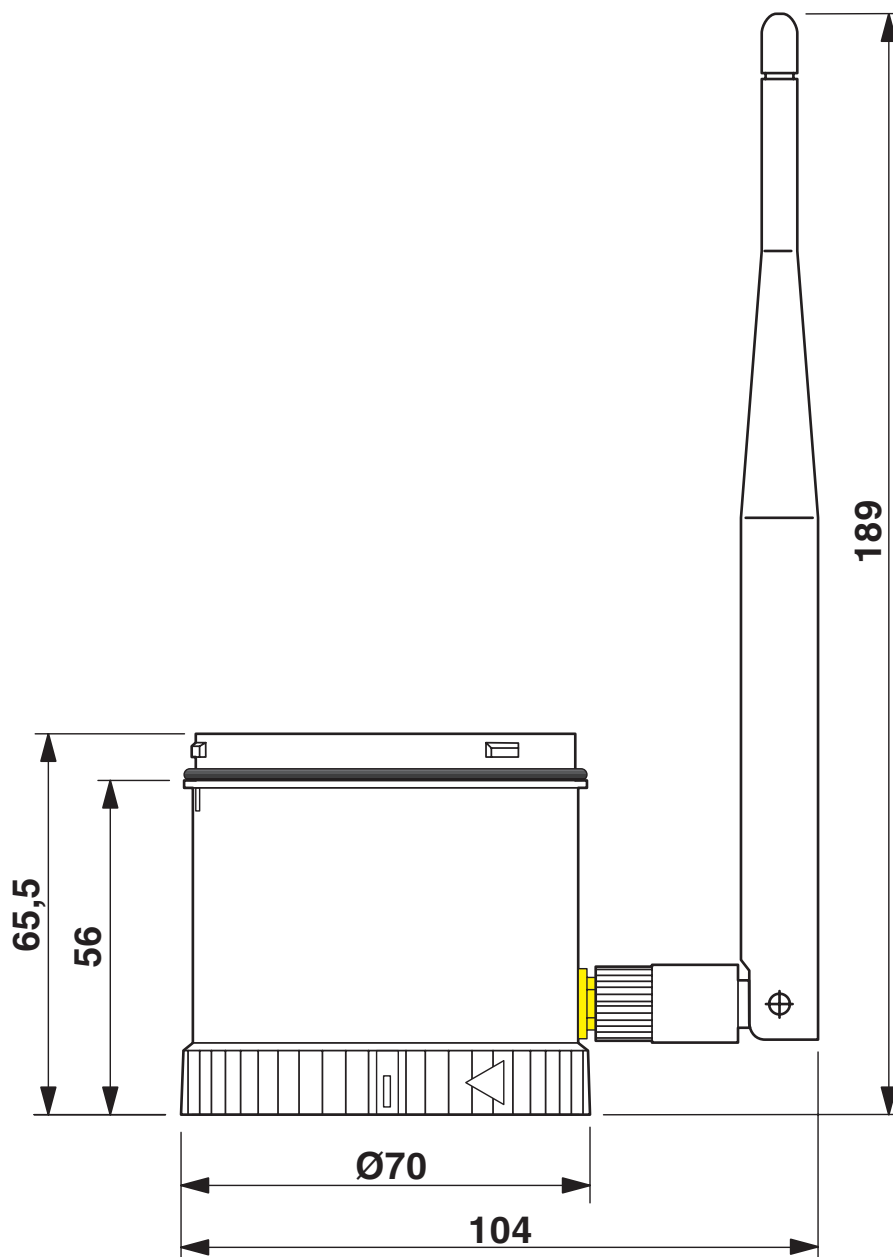
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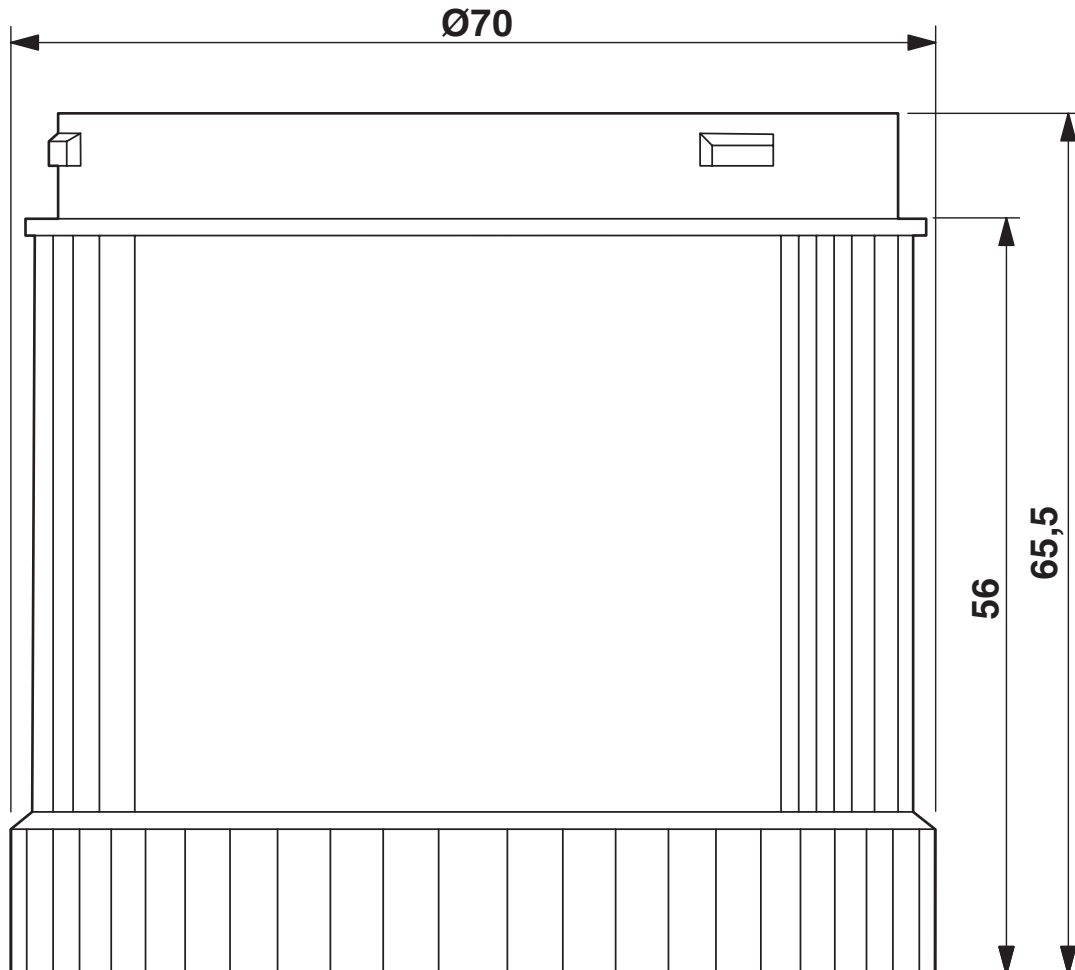
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Drawings

Dimensional drawing



Dimensional drawing



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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