

PSD-S MUX SET/UL - Wireless elements



2701566

<https://www.phoenixcontact.com/us/products/2701566>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

2701566

<https://www.phoenixcontact.com/us/products/2701566>

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

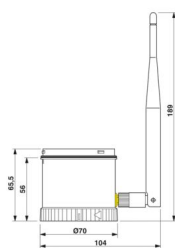
Functions

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

PSD-S MUX SET/UL - Wireless elements



2701566

<https://www.phoenixcontact.com/us/products/2701566>

EMC data

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

Mounting

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

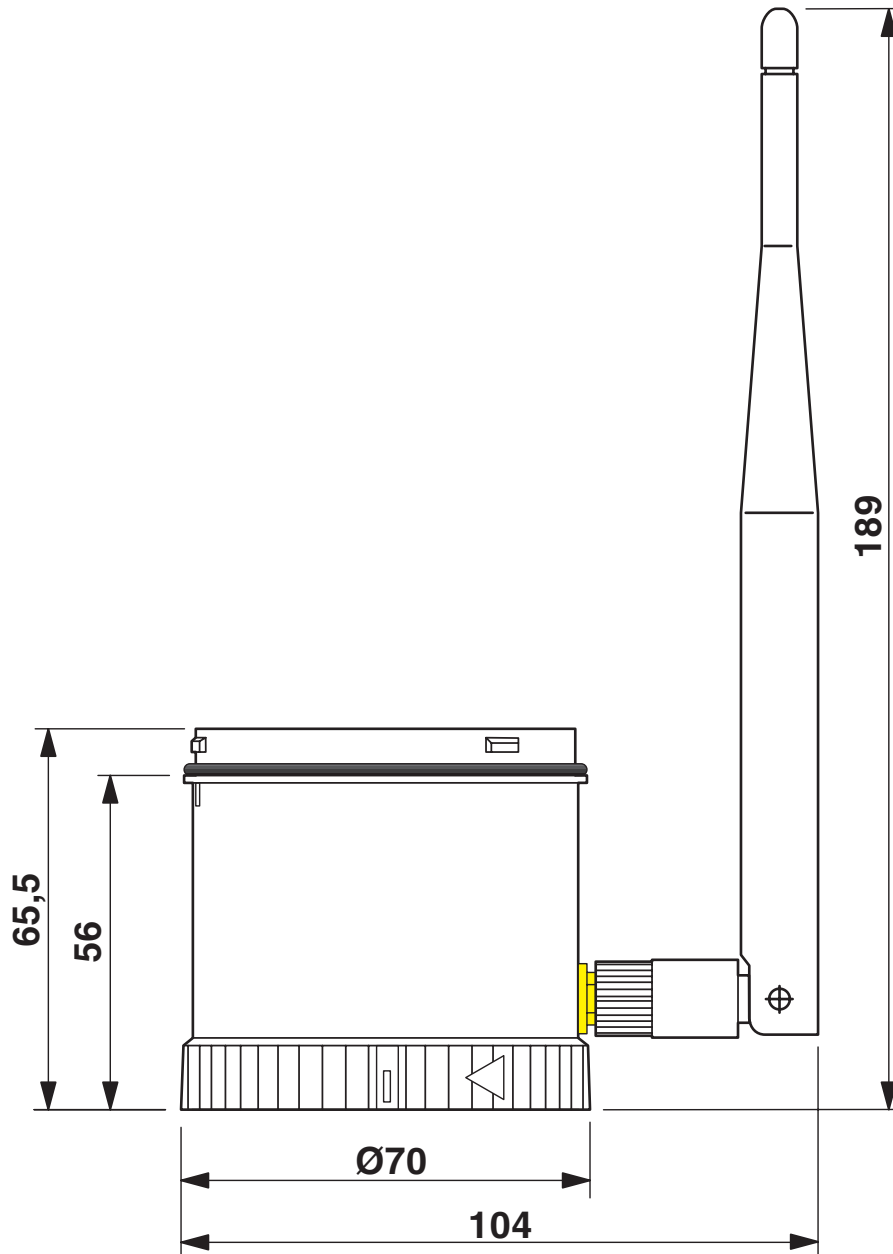
PSD-S MUX SET/UL - Wireless elements

2701566

<https://www.phoenixcontact.com/us/products/2701566>

Drawings

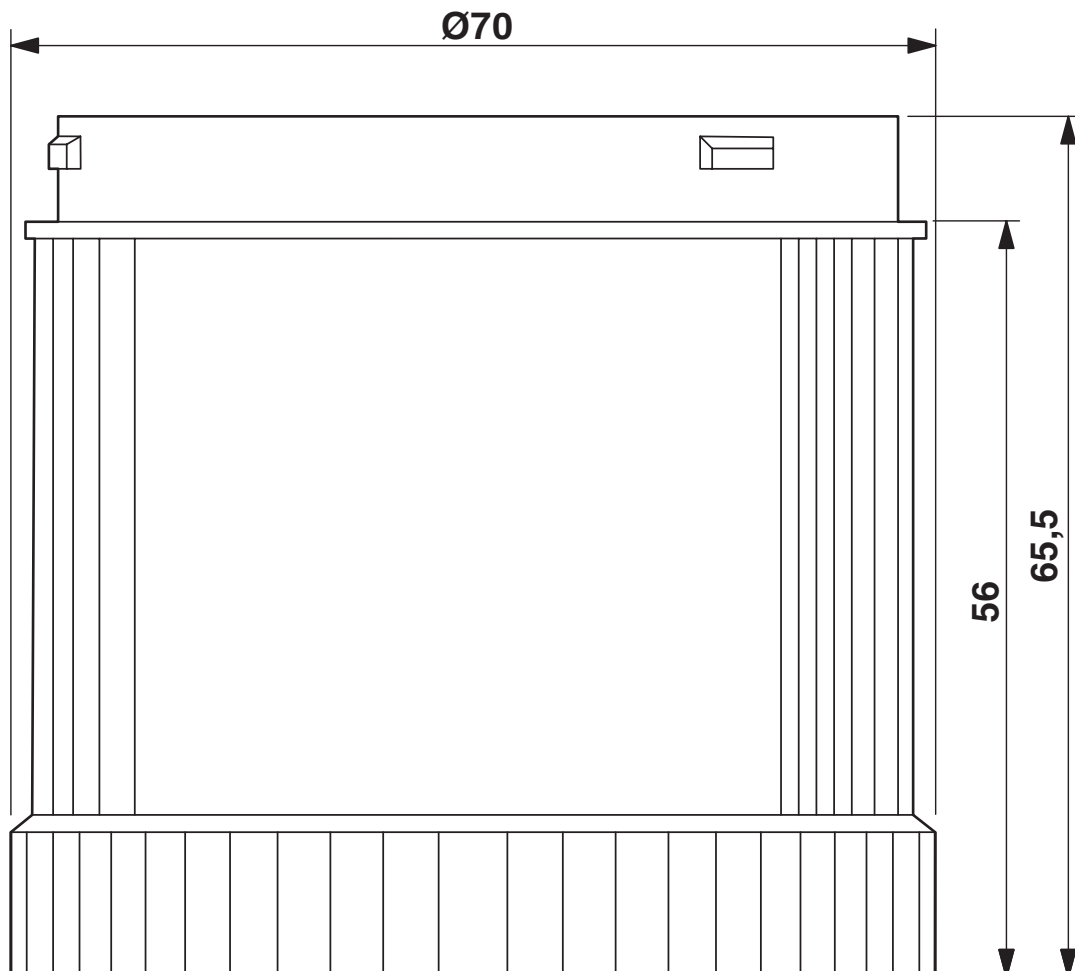
Dimensional drawing



2701566

<https://www.phoenixcontact.com/us/products/2701566>

Dimensional drawing



PSD-S MUX SET/UL - Wireless elements



2701566

<https://www.phoenixcontact.com/us/products/2701566>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com