PSD-S OE LED BL ...

LED blinking light element, 24 V AC/DC



Data sheet
7950_00

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1 Description

This optical signal element is part of a modular signal tower.

According to your requirements, a signal tower may comprise any combination of up to five signal elements. You may use up to five optical signal elements or up to four optical and one audible signal element.

An audible signal element can be used as top element only.

A bayonet locking system establishes the mechanical and electrical connection between the elements.

Connection elements with spring-cage or screw connection can be used for electrical connection of the signal tower.

Mounting elements for base or tube mounting can be used to mount the signal tower.

Features

- LED blinking light element for 24 V AC/DC
- Colors: Red, green, yellow, blue and clear
- Degree of protection: IP65, when installed or with cover

Make sure you always use the latest documentation.
It can be downloaded at http://www.phoenixcontact.net/download.

This data sheet is valid for all products listed on the following page:

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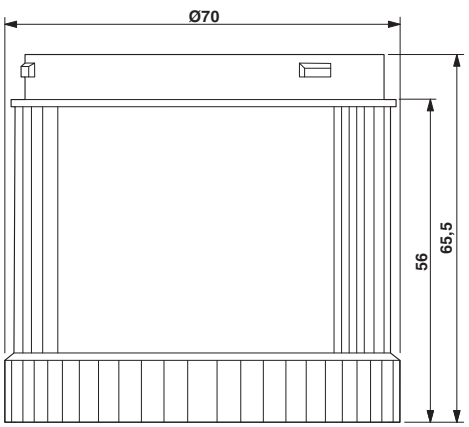
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2 Ordering data

Description	Type	Order No.	Pcs. / Pkt.
LED blinking light element, 24 V AC/DC, red	PSD-S OE LED BL RD	2700114	1
LED blinking light element, 24 V AC/DC, green	PSD-S OE LED BL GN	2700121	1
LED blinking light element, 24 V AC/DC, yellow	PSD-S OE LED BL YE	2700123	1
LED blinking light element, 24 V AC/DC, clear	PSD-S OE LED BL CL	2700128	1
LED blinking light element, 24 V AC/DC, blue	PSD-S OE LED BL BU	2700132	1

3 Technical data

Dimensions (in mm)



General data	
Diameter	70.00 mm
Height	65.50 mm
Material	Polycarbonate PC

General data	
Calotte color: PSD-S OE LED BL RD	red
Calotte color: PSD-S OE LED BL GN	green
Calotte color: PSD-S OE LED BL YE	yellow
Calotte color: PSD-S OE LED BL CL	clear
Calotte color: PSD-S OE LED BL BU	blue
Weight	59 g
Ambient temperature (operation)	-20 °C ... 50 °C
Degree of protection	IP65, when installed or with cover
Mounting position	Any
Connection	Rubber seal pre-installed for each element

Electrical data	
Input voltage	24 V AC/DC
Inrush current	Max. 500 mA
Current consumption	30 mA
Optical signal type	LED flashlight
Signal frequency	Approx. 1 Hz
Service life, electrical	max. 100,000 h
Operating time	100 %

Approvals / conformities
Conformance with EMC directive 2004/108/EC
For the latest approvals, please visit http://www.phoenixcontact.net/catalog.

4 Example of a signal tower

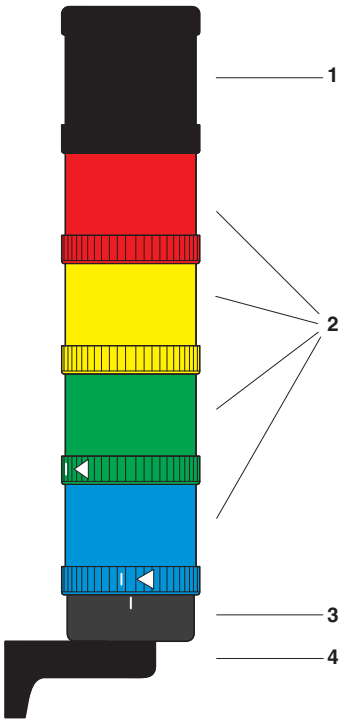


Figure 1 Example of a signal tower

Key:

1 Audible signal element
2 Optical signal element
3 Connection element
4 Assembly element

5 Assembly notes for a signal tower

- You may use up to five signal elements in a signal tower.
- Use only one audible element in a signal tower and position this element on top.
- When closing the bayonet locking system, observe the markings (see "Assembling the individual elements").

6 Assembling the individual elements

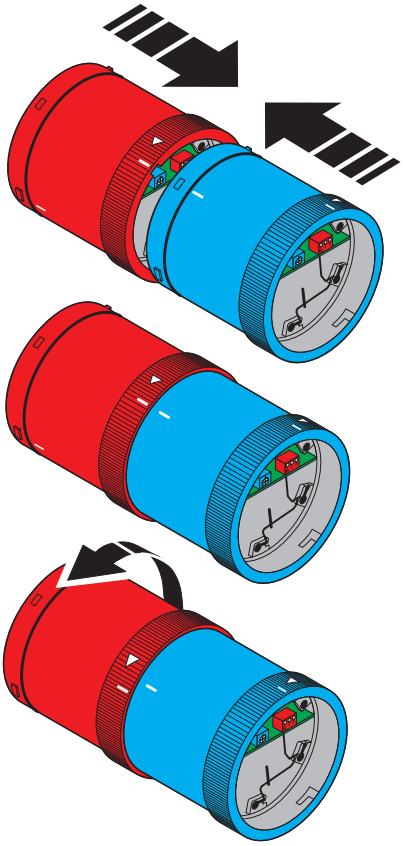


Figure 2 Assembling the individual elements

- Select the elements for your application.
- Connect the elements to be assembled so that the markings are aligned.
- Turn the upper element in the direction of the arrow.

7 Example for signal tower dimensions

The following figure shows the dimensions of a typical signal tower.

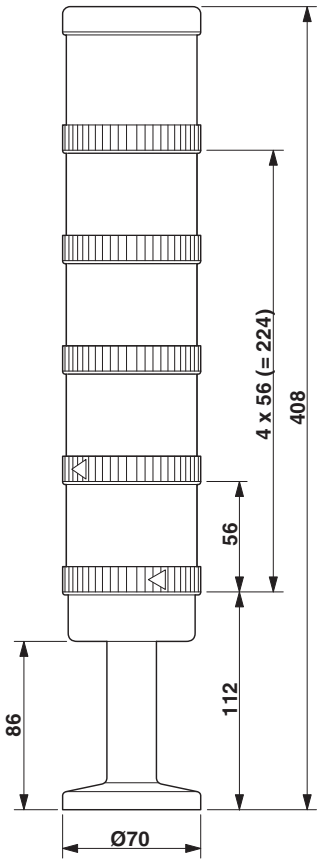


Figure 3 Dimensions of a signal tower (example)

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