

# 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:

## Table of contents

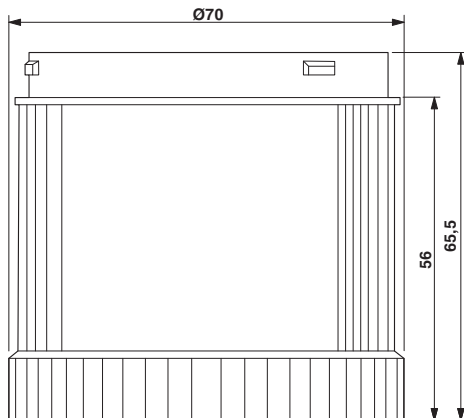
|                                           |   |
|-------------------------------------------|---|
| Description .....                         | 1 |
| Ordering data .....                       | 2 |
| Technical data .....                      | 2 |
| Example of a signal tower .....           | 4 |
| Assembly notes for a signal tower .....   | 4 |
| Assembling the individual elements .....  | 4 |
| Example for signal tower dimensions ..... | 5 |

## 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

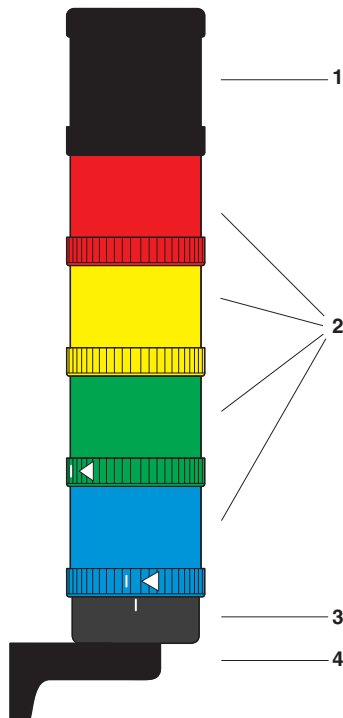


Figure 1 Example of a signal tower

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

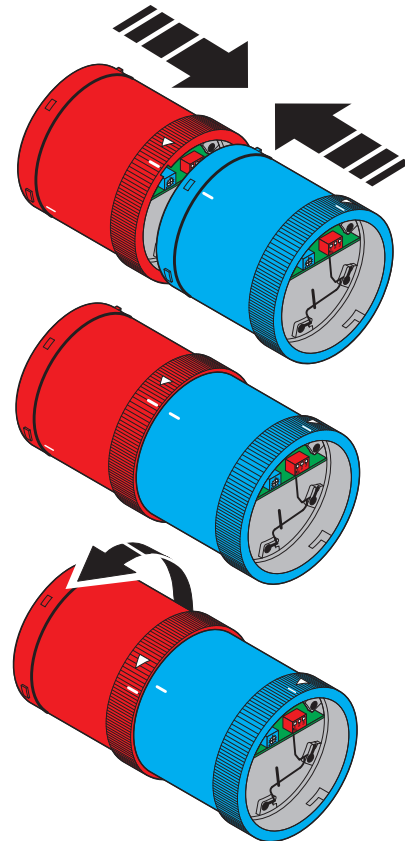


Figure 2 Assembling the individual elements

- 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.

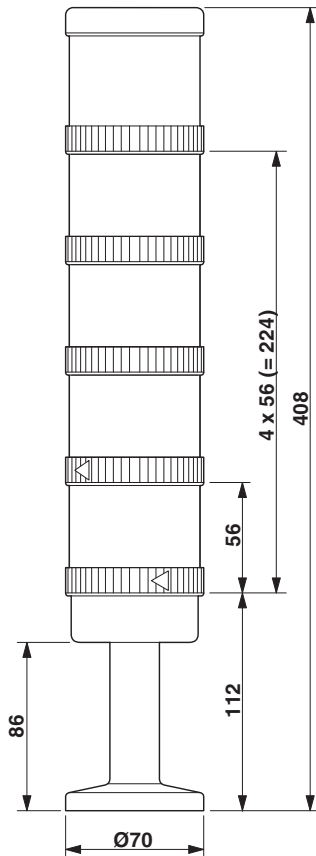


Figure 3 Dimensions of a signal tower (example)