# PSD-S 50 OE LED RD - Optical element

1018261

https://www.phoenixcontact.com/us/products/1018261

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Permanent light element, 16 V DC ... 26 V DC, red, LED

## Product description

This optical signal element is designed to be part of a modular signal tower. According to your requirements, a signal tower can be combined as desired, from a maximum of five signal elements. Set up to a maximum of five optical signal elements or up to four optical and one audible signal element. Only use an audible signal element as the top element. A bayonet locking system establishes the mechanical and electrical connection between the elements. Connection elements with spring-cage connection can be used for electrical connection of the signal tower. Various accessories are available to assemble the signal tower. Please note that PSD-S 50 signal towers (50 mm diameter) are not mechanically compatible with PSD-S signal towers (70 mm diameter).

## Your advantages

- High light and color intensity
- LED service life 100000 h
- Low power consumption
- Smooth exterior design
- Degree of protection IP65

ELEKTROGERÄTE RÜCKNAHME

## Commercial data

| | |
|---|---|
| Item number | 1018261 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DR07 |
| Product key | DRL112 |

| | |
|---|---|
| GTIN | 4055626502274 |
| Weight per piece (including packing) | 47.1 g |
| Weight per piece (excluding packing) | 47.1 g |
| Customs tariff number | 85318070 |
| Country of origin | AT |

## Technical data

### Notes

Note on application

| | |
|---|---|
| Note on application | Only for industrial use |

### Product properties

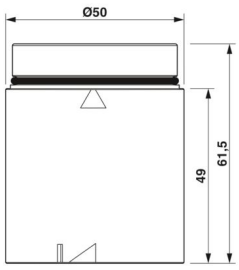
| | |
|---|---|
| Product type | Signal element |
| Product family | PSD-S 50 |
| Area of application | Signal tower |
| Base | B15d (bayonet) |

### Electrical properties

General

| | |
|---|---|
| Input voltage | 24 V DC |
| Nominal input voltage range | 16 V DC ... 26 V DC |
| Maximum inrush current | max. 500 mA |
| Current consumption | max. 45 mA |
| Source of light type | LED |
| Service life electrical | max. 100,000 h |
| Optical signal type | Permanent light |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Height | 61.5 mm |
| Diameter | 50 mm |

### Material specifications

| | |
|---|---|
| Calotte color | red |
| Color (Housing) | transparent red |
| Material | Polycarbonate PC |

### Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP65 (when installed or with end cover) |

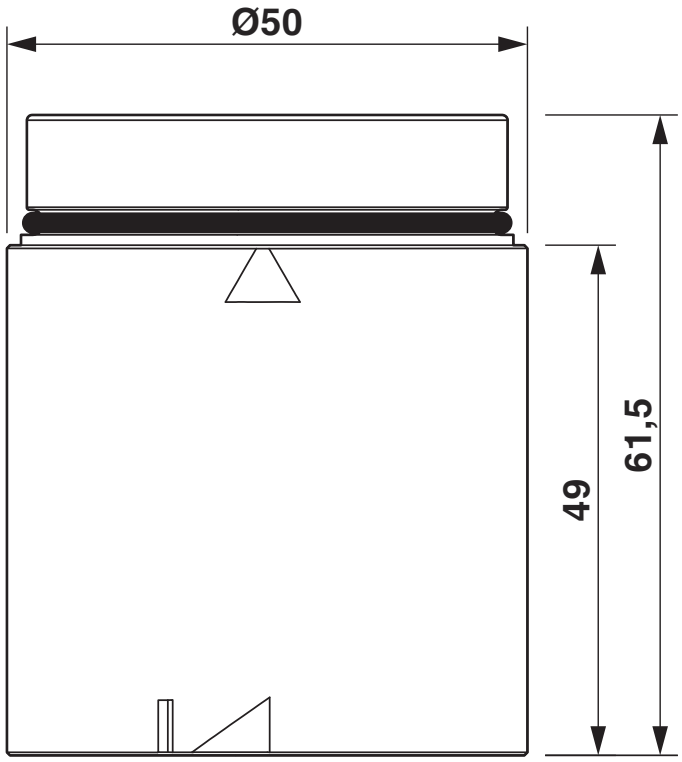
| | |
|---|---|
| Ambient temperature (operation) | -30 °C ... 60 °C |

## Mounting

| | |
|---|---|
| Mounting type | Plug-in mounting (Seal pre-installed for each element) |
| Mounting position | any |

## Drawings

Dimensional drawing



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1018261

**cULus Listed**
Approval ID: E140324

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27371220 |
| ECLASS-15.0 | 27371220 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC000232 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 46171600 |

## 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% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 1.695 kg CO2e |


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