PSD-S 50 OE LED GN - Optical element

1018264

https://www.phoenixcontact.com/us/products/1018264

PHŒNIX CONTACT

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Permanent light element, 16 V DC ... 26 V DC, green, 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. 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.

Your advantages

- Tool-free element changeover
- Can be freely combined
- High light and color intensity
- Minimum LED service life of 50,000 h
- Low power consumption
- Degree of protection IP65

Commercial data

Item number	1018264
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL112
GTIN	4055626502281
Weight per piece (including packing)	47.6 g
Weight per piece (excluding packing)	47.6 g
Customs tariff number	85318070
Country of origin	AT

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Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Optical element
Area of application	Signal tower
Base	B15d (bayonet)

Data management status
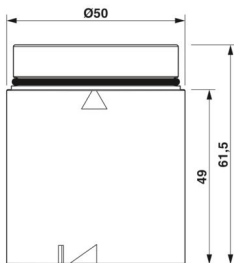
Article revision	00

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. 35 mA
Source of light type	LED
Optical signal type	Permanent light

Dimensions

Dimensional drawing	
Height	61.5 mm
Diameter	50 mm

Material specifications

Calotte color	green
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

EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU

Mounting

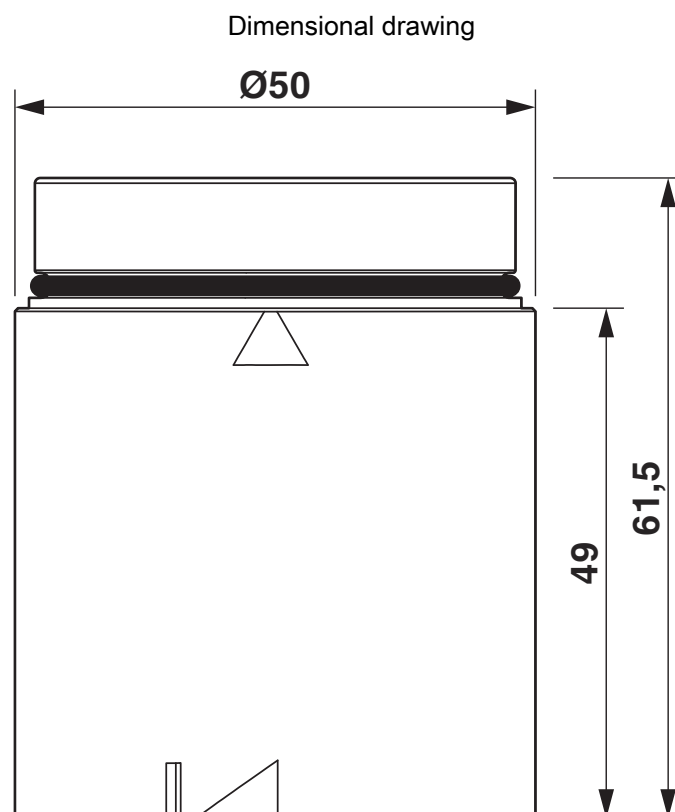|	
Mounting type	Plug-in mounting
Assembly note	Rubber seal pre-installed for each element
Mounting position	vertical or horizontal

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Drawings

Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1018264

UL Listed
Approval ID: E140324

cUL Listed
Approval ID: E140324

cULus Listed

Classifications

ECLASS

ECLASS-11.0	27371220
ECLASS-12.0	27371220
ECLASS-13.0	27371220

ETIM

ETIM 8.0	EC000232

UNSPSC

UNSPSC 21.0	46171600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

EU REACH SVHC

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

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Accessories

PSD-S 50 CE - Connection element

1018740

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Base for horizontal and third-party tube assembly

PSD-S 50 CE-M12-5P - Connection element

1018853

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Base with integrated M12 male (5 pins)

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PSD-S 50 CE A-NPT 1/2 - Connection element

1018850

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Base for NPT 1/2 conduit assembly

PSD-S 50 CE BR-SM/HCR - Connection element

1018742

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Base for vertical assembly

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PSD-S 50 CE BT 100 - Connection element

1018760

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Tube base on 100 mm plastic tube with integrated foot

PSD-S 50 CE BT 250-M - Connection element

1018801

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Tube base on 250 mm aluminum tube with plastic foot

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PSD-S 50 CE BT 400-M - Connection element

1018845

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Tube base on 400 mm aluminum tube with plastic foot