

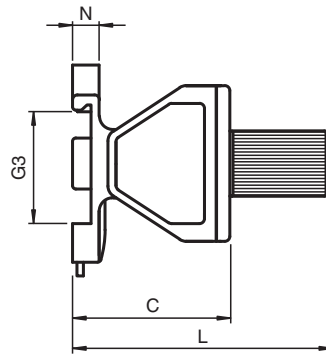
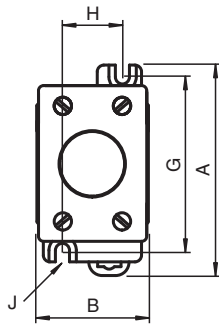


## LED Module Ex e, Base-mounted CFP.NE.SP

- 10 ... 28 V AC/DC
- Component for appropriately certified Ex e enclosures
- Mounting on enclosure base
- DIN rail mountable
- Ex de certified
- Polyamide



### Dimensions



Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

### Technical Data

#### Electrical specifications

|                         |                     |
|-------------------------|---------------------|
| Operating voltage       | 28 V max. AC/DC     |
| Power consumption       | 1 W max.            |
| Terminal capacity       | 2.5 mm <sup>2</sup> |
| Terminal torque         | 0.8 Nm              |
| Function                | LED module          |
| Rated operating voltage | 10 ... 28 V AC/DC   |

#### Mechanical specifications

|                        |                |
|------------------------|----------------|
| Degree of protection   | IP20           |
| Material               |                |
| Housing                | Polyamide (PA) |
| Mass                   | 61 g           |
| Dimensions             |                |
| External dimension (A) | 63 mm          |
| External dimension (B) | 33.4 mm        |

Release date: 2025-06-12 Date of issue: 2025-06-14 Filename: 290223\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

## Technical Data

|                                                                |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| External dimension (C)                                         | 47 mm                                                                                                                                                                                                                                                        |
| Mounting holes distance (G)                                    | 52 mm                                                                                                                                                                                                                                                        |
| DIN mounting rail receptacle (G3)                              | 35.6 mm                                                                                                                                                                                                                                                      |
| Mounting holes distance (H)                                    | 18 mm                                                                                                                                                                                                                                                        |
| Mounting holes diameter (J)                                    | 4.2 mm                                                                                                                                                                                                                                                       |
| Thickness of mounting brackets (N)                             | 8 mm                                                                                                                                                                                                                                                         |
| Total length (L)                                               | 84 mm                                                                                                                                                                                                                                                        |
| Mounting                                                       | base-mounted DIN rail mounting                                                                                                                                                                                                                               |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                                                                              |
| Service temperature                                            | -40 ... 90 °C (-40 ... 194 °F)                                                                                                                                                                                                                               |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                                                                              |
| EU-type examination certificate                                | CML 16 ATEX 3339U                                                                                                                                                                                                                                            |
| Marking                                                        | Ⓔ II 2 G<br>Ex de IIC Gb                                                                                                                                                                                                                                     |
| <b>International approvals</b>                                 |                                                                                                                                                                                                                                                              |
| IECEx approval                                                 | IECEx CML 16.0114U                                                                                                                                                                                                                                           |
| <b>Conformity</b>                                              |                                                                                                                                                                                                                                                              |
| Degree of protection                                           | EN 60529                                                                                                                                                                                                                                                     |
| <b>General information</b>                                     |                                                                                                                                                                                                                                                              |
| Supplementary information                                      | EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> . |
| Enclosure type                                                 | LR* GR.CS*                                                                                                                                                                                                                                                   |