



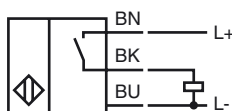
### Model Number

CBB8-18GS75-E2

### Features

- 8 mm flush
- The switching distance can be set over a wide range with the potentiometer

### Connection



### Accessories

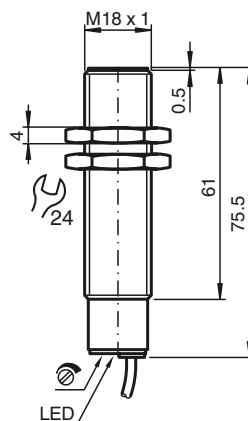
#### BF 18

Mounting flange, 18 mm

#### EXG-18

Quick mounting bracket with dead stop

### Dimensions



### Technical Data

#### General specifications

|                            |       |            |    |
|----------------------------|-------|------------|----|
| Switching element function |       | PNP        | NO |
| Rated operating distance   | $s_n$ | 1 ... 8 mm |    |
| Installation               |       | flush      |    |
| Output polarity            |       | DC         |    |

#### Nominal ratings

|                                |       |   |
|--------------------------------|-------|---|
| Operating voltage              | $U_B$ | 10 ... 30 V                               |
| Switching frequency            | $f$   | 0 ... 100 Hz                              |
| Reverse polarity protection    |       | reverse polarity protected                |
| Short-circuit protection       |       | pulsing                                   |
| Voltage drop                   | $U_d$ | $\leq 1.5$ V                              |
| Temperature drift              |       | max. 20 % at -5 ... 55 °C (23 ... 131 °F) |
| Operating current              | $I_L$ | 0 ... 100 mA                              |
| No-load supply current         | $I_0$ | $\leq 18$ mA                              |
| Time delay before availability | $t_v$ | $\leq 300$ ms                             |

#### Indicators/operating means

|               |                            |
|---------------|----------------------------|
| LED green     | Operating display          |
| LED yellow    | indication switching state |
| Potentiometer | sensitivity adjustment     |

#### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 85 °C (-13 ... 185 °F) |
|---------------------|--------------------------------|

#### Mechanical specifications

|                    |                                   |
|--------------------|-----------------------------------|
| Connection type    | cable PUR , 2 m                   |
| Core cross-section | 0.34 mm <sup>2</sup>              |
| Housing material   | Stainless steel 1.4305 / AISI 303 |
| Sensing face       | PBT                               |
| Protection degree  | IP67                              |

#### Compliance with standards and directives

|                     |   |
|---------------------|---|
| Standard conformity |   |
| Standards           | EN 60947-5-2:2007<br>IEC 60947-5-2:2007 |

#### Approvals and certificates

|              |  |
|--------------|--|
| UL approval  | cULus Listed, General Purpose                                      |
| CCC approval | CCC approval / marking not required for products rated $\leq 36$ V |