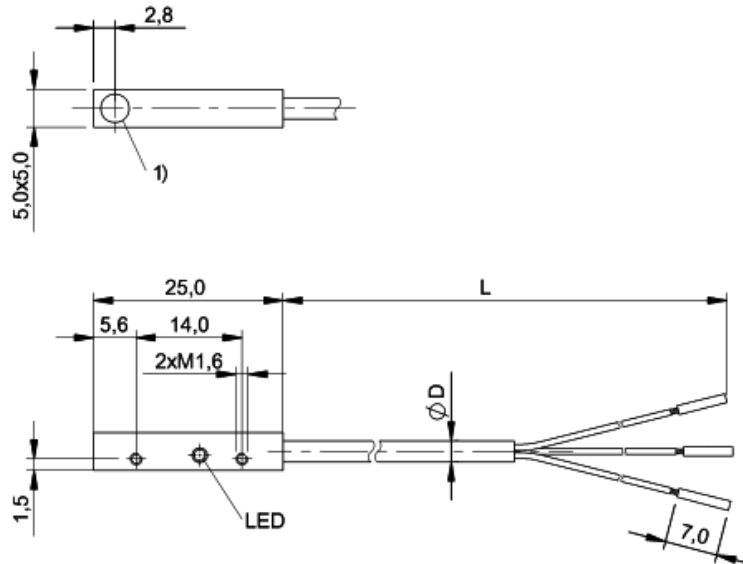


BES Q05AC-POC15B-PU-02  
BES01RJ

PNP  
NC  
flush mountable



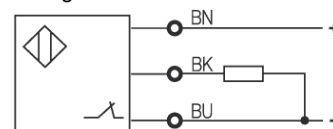
#### Electrical data:

|                                             |                |
|---------------------------------------------|----------------|
| Connection                                  | Cable          |
| Electrical type                             | DC             |
| No-load supply current undamped             | 3 mA           |
| Off-state current max (I <sub>r</sub> )     | 50 µA          |
| Supply voltage max. (U <sub>b</sub> )       | 30 V           |
| Supply voltage min. (U <sub>b</sub> )       | 10 V           |
| Rated insulation voltage (U <sub>i</sub> )  | 75 V DC        |
| Rated conditional short circuit current     | 100 A          |
| Time delay before availability              | 15 ms          |
| Load capacitance max                        | 0.2 µF         |
| No-load supply current damped               | 10 mA          |
| Operating frequency (f)                     | 2000 Hz        |
| Voltage drop max. static                    | 3 V            |
| Rated operational voltage (U <sub>e</sub> ) | 24 DC V        |
| Load current capacity (I <sub>e</sub> )     | 100 mA         |
| Hysteresis max (H)                          | 15 %           |
| Ripple max. of U <sub>e</sub>               | 10 %           |
| Output resistance (R <sub>a</sub> )         | open collector |
| Utilization category                        | DC 13          |
| Switching output                            | PNP            |
| Switching element function                  | NC             |

#### General data:

|                                     |             |
|-------------------------------------|-------------|
| Output indication                   | yes         |
| Short circuit protected             | yes         |
| Protected against polarity reversal | yes         |
| Approval                            | CE, c_ul_us |
| Degree of protection IP             | IP67        |

#### Wiring:



#### Mechanical data:

|                               |                      |
|-------------------------------|----------------------|
| Assured operating distance    | 0...1,2 mm           |
| Cable code designation        | LIFY-11Y-O           |
| Temperature drift max.        | 20 %                 |
| Cable sheath material         | PUR                  |
| Repeat accuracy max. (R)      | 10 %                 |
| Number of wires               | 3-wire               |
| Rated operating distance (sn) | 1,5 mm               |
| Cable length                  | 2 m                  |
| Effective operating distance  | 1,5 mm               |
| Housing material              | 1.4305               |
| Cable diameter                | 2,8 mm               |
| Ambient temperature max       | +70 °C               |
| Ambient temperature min       | -25 °C               |
| Conductor cross section       | 0,14 mm <sup>2</sup> |
| Mounting                      | flush mountable      |
| Degree of pollution           | 3                    |
| Sensing face material         | POM                  |