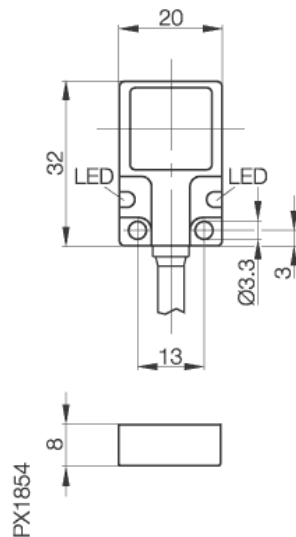


BES R01ZC-NAC70B-BP05  
BES01W0

NPN  
NO/NC  
flush mountable



#### Electrical data:

|                                         |           |
|-----------------------------------------|-----------|
| Connection                              | Cable     |
| Output resistance (Ra)                  | 33+d kOhm |
| Electrical type                         | DC        |
| Load capacitance max                    | 1 µF      |
| No-load supply current damped           | 15 mA     |
| Operating frequency (f)                 | 150 Hz    |
| Voltage drop max. static                | 2,5 V     |
| Rated conditional short circuit current | 100 A     |
| Time delay before availability          | 20 ms     |
| No-load supply current undamped         | 15 mA     |
| Off-state current max (Ir)              | 80 µA     |
| Utilization category                    | DC 13     |
| Switching output                        | NPN       |
| Switching element function              | NO/NC     |
| Rated operational voltage (Ue)          | 24 DC V   |
| Load current capacity (Ie)              | 200 mA    |
| Rated insulation voltage (Ui)           | 75 DC     |
| Hysteresis max (H)                      | 15 %      |
| Ripple max. of Ue                       | 10 %      |
| Supply voltage max. (Ub)                | 30 V      |
| Supply voltage min. (Ub)                | 10 V      |

#### Mechanical data:

|                               |                    |
|-------------------------------|--------------------|
| Rated operating distance (sn) | 7 mm               |
| Ambient temperature max       | +70 °C             |
| Ambient temperature min       | -25 °C             |
| Assured operating distance    | 0...5,6 mm         |
| Cable code designation        | LifYY-0, 4x0,14mm² |
| Cable length                  | 5 m                |
| Temperature drift max.        | 10 %               |
| Cable diameter                | 3.8 mm             |
| Number of wires               | 4-wire             |
| Mounting                      | flush mountable    |
| Cable sheath material         | PUR                |
| Repeat accuracy max. (R)      | 5 %                |
| Degree of pollution           | 3                  |
| Sensing face material         | PA 12              |
| Housing material              | GD Zn              |

#### General data:

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

#### Wiring:

