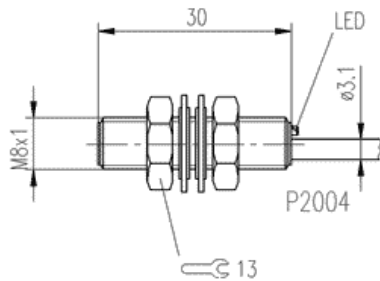


BES 516-343-G-E4-C-02  
BES00TT

NPN  
NO  
flush mountable



#### Electrical data:

|                                 |         |
|---------------------------------|---------|
| Time delay before availability  | 20 ms   |
| Off-state current max (Ir)      | 20 µA   |
| Ripple max. of Ue               | = 15 %  |
| Connection                      | Cable   |
| Electrical type                 | DC      |
| Switching output                | NPN     |
| Switching element function      | NO      |
| Rated operational voltage (Ue)  | 24 DC V |
| Utilization category            | DC 13   |
| No-load supply current damped   | = 11 mA |
| No-load supply current undamped | 3 mA    |
| Supply voltage max. (Ub)        | 30 V    |
| Supply voltage min. (Ub)        | 10 V    |
| Load current capacity (Ie)      | 200 mA  |
| Hysteresis max (H)              | 15 %    |
| Operating frequency (f)         | 1500 Hz |
| Voltage drop max. static        | 2,5 V   |

#### Mechanical data:

|                               |                            |
|-------------------------------|----------------------------|
| Assured operating distance    | 0...1,6 mm                 |
| Cable code designation        | LiYY-O                     |
| Ambient temperature max       | +70 °C                     |
| Repeat accuracy max. (R)      | 5 %                        |
| Number of wires               | 3-wire                     |
| Mounting                      | flush mountable            |
| Ambient temperature min       | -25 °C                     |
| Degree of pollution           | 3                          |
| Rated operating distance (sn) | 2 mm                       |
| Diameter                      | M8x1 mm                    |
| Sensing face material         | PA 12                      |
| Housing material              | corrosion resistance Steel |

#### General data:

|                                     |                    |
|-------------------------------------|--------------------|
| Approval                            | CE,c_ul_us         |
| Output indication                   | yes                |
| Short circuit protected             | yes                |
| Degree of protection IP             | IP68 per BWN Pr 20 |
| Protected against polarity reversal | yes                |

#### Wiring:

