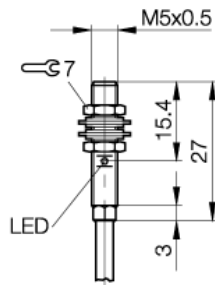


BES 516-3022-G-E4-C-PU-05  
BES00L3

PNP  
NC  
flush mountable



PX0707a

#### Electrical data:

|                                |         |
|--------------------------------|---------|
| Rated operational voltage (Ue) | 24 DC V |
| Utilization category           | DC 13   |
| Hysteresis max (H)             | 15 %    |
| Ripple max. of Ue              | = 10 %  |
| Load current capacity (Ie)     | 100 mA  |
| Off-state current max (Ir)     | 80 µA   |
| Operating frequency (f)        | 3000 Hz |
| Voltage drop max. static       | 3 V     |
| Time delay before availability | 25 ms   |
| No-load supply current damped  | = 10 mA |
| Supply voltage max. (Ub)       | 30 V    |
| Supply voltage min. (Ub)       | 10 V    |
| Connection                     | Cable   |
| Electrical type                | DC      |
| Switching output               | PNP     |
| Switching element function     | NC      |

#### Mechanical data:

|                               |                            |
|-------------------------------|----------------------------|
| Diameter                      | M5x0.5 mm                  |
| Sensing face material         | POM                        |
| Housing material              | corrosion resistance Steel |
| Rated operating distance (sn) | 1,5 mm                     |
| Cable code designation        | LIFY-11Y-O                 |
| Ambient temperature max       | +70 °C                     |
| Repeat accuracy max. (R)      | 5 %                        |
| Ambient temperature min       | -25 °C                     |
| Degree of pollution           | 3                          |
| Number of wires               | 3-wire                     |
| Assured operating distance    | 0...1,2 mm                 |
| Mounting                      | flush mountable            |

#### General data:

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

#### Wiring:

