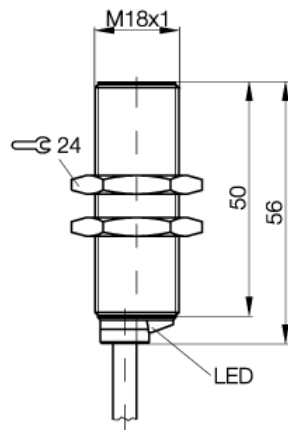


BES M18MI-PSC80B-BV02  
BES008F

PNP  
NO  
flush mountable



PX0268

#### Electrical data:

|                                |         |
|--------------------------------|---------|
| Rated operational voltage (Ue) | 24 DC V |
| Load current capacity (Ie)     | 200 mA  |
| Hysteresis max (H)             | 15 %    |
| Supply voltage max. (Ub)       | 30 V    |
| Supply voltage min. (Ub)       | 12 V    |
| Utilization category           | DC 13   |
| Off-state current max (Ir)     | 20 µA   |
| Switching element function     | NO      |
| Operating frequency (f)        | 150 Hz  |
| Voltage drop max. static       | 2,5 V   |
| Connection                     | Cable   |
| Electrical type                | DC      |
| Ripple max. of Ue              | 15 %    |
| Switching output               | PNP     |
| Time delay before availability | 30 ms   |
| No-load supply current damped  | 15 mA   |

#### Mechanical data:

|                               |                     |
|-------------------------------|---------------------|
| Diameter                      | M18x1 mm            |
| Ambient temperature max       | +70 °C              |
| Number of wires               | 3-wire              |
| Assured operating distance    | 0...6,4 mm          |
| Cable code designation        | LiYY-O              |
| Repeat accuracy max. (R)      | 5 %                 |
| Mounting                      | flush mountable     |
| Sensing face material         | PA 12               |
| Housing material              | CuZn, nickel plated |
| Tightening torque             | 25 Nm               |
| Rated operating distance (sn) | 8 mm                |
| Ambient temperature min       | -25 °C              |
| Degree of pollution           | 3                   |

#### General data:

|                                     |                    |
|-------------------------------------|--------------------|
| Short circuit protected             | yes                |
| Degree of protection IP             | IP68 per BWN Pr 20 |
| Insulation class                    | 2                  |
| Brand                               | GlobalProx         |
| Output indication                   | yes                |
| Protected against polarity reversal | yes                |
| Approval                            | CE,c_ul_us         |

#### Wiring:

