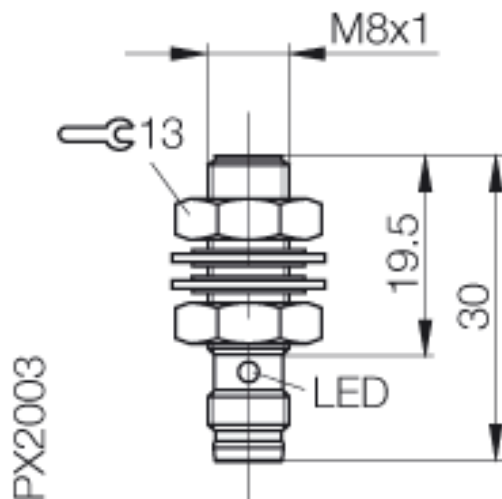


BES M08EC-NSC15B-S49G  
BES013J

NPN  
NO  
flush mountable



#### Electrical data:

|                                             |                    |
|---------------------------------------------|--------------------|
| Load current capacity (I <sub>e</sub> )     | 200 mA             |
| No-load supply current undamped             | 3 mA               |
| Off-state current max. (I <sub>r</sub> )    | 20 µA              |
| Supply voltage max. (U <sub>b</sub> )       | 30 V               |
| Connection                                  | Connector S49 (M8) |
| Electrical type                             | DC                 |
| No-load supply current damped               | = 11 mA            |
| Operating frequency (f)                     | 3000 Hz            |
| Voltage drop max. static                    | 2,5 V              |
| Rated operational voltage (U <sub>e</sub> ) | 24 DC V            |
| Utilization category                        | DC 13              |
| Ripple max. of U <sub>e</sub>               | 15 %               |
| Switching output                            | NPN                |
| Switching element function                  | NO                 |
| Supply voltage min. (U <sub>b</sub> )       | 10 V               |

#### Mechanical data:

|                                            |                            |
|--------------------------------------------|----------------------------|
| Rated operating distance (s <sub>n</sub> ) | 1,5 mm                     |
| Assured operating distance                 | 0...1,2 mm                 |
| Housing material                           | corrosion resistance Steel |
| Repeat accuracy max. (R)                   | 5 %                        |
| Number of Wires                            | 3-wire                     |
| Mounting                                   | flush mountable            |
| Ambient temperature min                    | -25 °C                     |
| Sensing face material                      | PBT                        |
| Diameter                                   | M 8 mm                     |
| Ambient temperature max                    | +70 °C                     |

#### General data:

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

#### Wiring:



#### Pinout:

