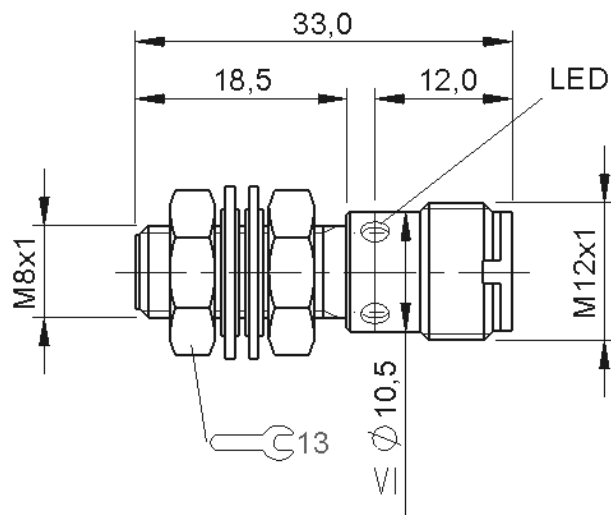


BES M08EC-PSC15B-S04G  
BES013M

PNP  
NO  
flush mountable



#### Electrical data:

|                                         |                    |
|-----------------------------------------|--------------------|
| Operating frequency (f)                 | 3000 Hz            |
| Voltage drop max. static                | 2,5 V              |
| Rated operational voltage (Ue)          | 24 DC V            |
| Utilization category                    | DC 13              |
| Ripple max. of Ue                       | 15 %               |
| Supply voltage min. (Ub)                | 10 V               |
| Load current capacity (Ie)              | 200 mA             |
| No-load supply current undamped         | 3 mA               |
| Off-state current max (I <sub>r</sub> ) | 20 µA              |
| Supply voltage max. (Ub)                | 30 V               |
| Connection                              | Connector S4 (M12) |
| Electrical type                         | DC                 |
| Load capacitance max                    | 0,500 µF           |
| No-load supply current damped           | 9 mA               |
| Switching output                        | PNP                |
| Switching element function              | NO                 |

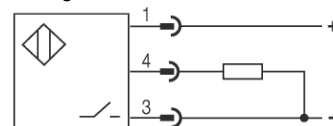
#### Mechanical data:

|                               |                            |
|-------------------------------|----------------------------|
| Number of Wires               | 3-wire                     |
| Mounting                      | flush mountable            |
| Sensing face material         | PA 12                      |
| Ambient temperature max       | +70 °C                     |
| Tightening torque             | 8 Nm                       |
| Rated operating distance (sn) | 1,5 mm                     |
| Assured operating distance    | 0...1,2 mm                 |
| Ambient temperature min       | -25 °C                     |
| Diameter                      | M 8 mm                     |
| Housing material              | corrosion resistance Steel |
| Repeat accuracy max. (R)      | 5 %                        |

#### General data:

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

#### Wiring:



#### Pinout:

