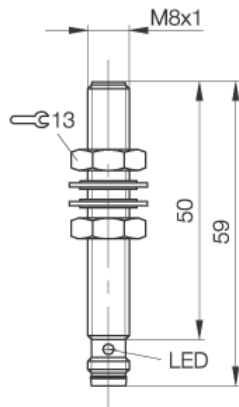


BES M08MI-PSC40B-S49G  
BES01ZW

PNP  
NO  
quasi flush mountable,  $S_n = 4 \text{ mm}$

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PX1546

#### Electrical data:

|                                             |                    |
|---------------------------------------------|--------------------|
| Connection                                  | Connector S49 (M8) |
| No-load supply current damped               | = 10 mA            |
| Switching element function                  | NO                 |
| Operating frequency (f)                     | 800 Hz             |
| Load current capacity (I <sub>e</sub> )     | 200 mA             |
| Utilization category                        | DC 13              |
| No-load supply current undamped             | 10 mA              |
| Off-state current max (I <sub>r</sub> )     | 10 µA              |
| Voltage drop max. static                    | 2,8 V              |
| Rated operational voltage (U <sub>e</sub> ) | 24 DC V            |
| Electrical type                             | DC                 |
| Supply voltage max. (U <sub>b</sub> )       | 30 V               |
| Supply voltage min. (U <sub>b</sub> )       | 10 V               |
| Switching output                            | PNP                |

#### Mechanical data:

|                                            |                       |
|--------------------------------------------|-----------------------|
| Assured operating distance                 | 0...2,9 mm            |
| Ambient temperature max                    | +60 °C                |
| Ambient temperature min                    | 0 °C                  |
| Rated operating distance (s <sub>n</sub> ) | 4 mm                  |
| Diameter                                   | M 8 mm                |
| Sensing face material                      | PBT                   |
| Housing material                           | CuZn, nickel plated   |
| Number of Wires                            | 3-wire                |
| Mounting                                   | quasi flush mountable |
| Repeat accuracy max. (R)                   | 5 %                   |

#### General data:

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Degree of protection IP             | IP67                                 |
| Short circuit protected             | yes                                  |
| Protected against polarity reversal | yes                                  |
| Additional text 2                   | See installation instructions 857785 |
| Output indication                   | yes                                  |
| Approval                            | CE                                   |

#### Wiring:



#### Pinout:



**www.balluff.com**

Balluff Europe: +49 7158 173 -0  
Balluff USA: 1-800-54 3-83 90  
Balluff Asia: +86 21-50 64 41 31

Online Productinformation  
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