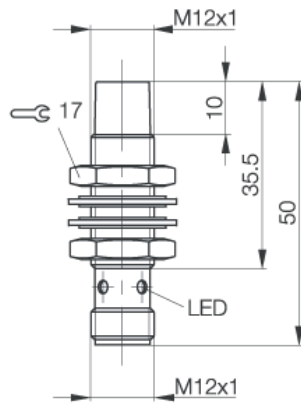


BES M12MD-POC80F-S04G  
BES01PU

PNP  
NC  
non flush mountable



PX2250

Electrical data:

|                                 |                    |
|---------------------------------|--------------------|
| Time delay before availability  | 20 ms              |
| Hysteresis max (H)              | 20 %               |
| Switching output                | PNP                |
| Switching element function      | NC                 |
| Output resistance (Ra)          | 33k+D              |
| 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             |
| Rated insulation voltage (Ui)   | 250 AC             |
| No-load supply current undamped | 10 mA              |
| Off-state current max (Ir)      | 10 µA              |
| Voltage drop max. static        | 2,5 V              |
| Supply voltage max. (Ub)        | 30 V               |
| Connection                      | Connector S4 (M12) |
| Electrical type                 | DC                 |
| Load capacitance max            | 0,5 µF             |
| No-load supply current damped   | 3 mA               |
| Operating frequency (f)         | 800 Hz             |

Mechanical data:

|                               |                      |
|-------------------------------|----------------------|
| Rated operating distance (sn) | 8 mm                 |
| Assured operating distance    | 0...6,4 mm           |
| Housing material              | CuZn, Ni free coated |
| Mounting                      | non flush mountable  |
| Degree of pollution           | 3                    |
| Sensing face material         | PBT                  |
| Diameter                      | M12x1 mm             |
| Repeat accuracy max. (R)      | 5 %                  |
| Number of Wires               | 3-wire               |
| Ambient temperature max       | +70 °C               |
| Ambient temperature min       | -25 °C               |

General data:

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

Wiring:



Pinout:

