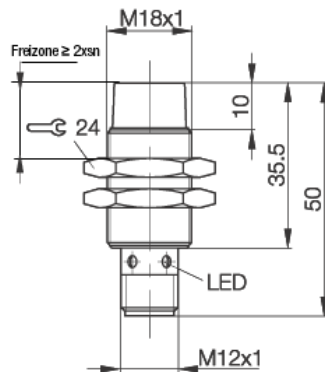


BES M18MD-PSC12E-S04G  
BES01R2

PNP  
NO  
non flush mountable



PX1666

Electrical data:

|                                |                    |
|--------------------------------|--------------------|
| Rated operational voltage (Ue) | 24 DC V            |
| Off-state current max (Ir)     | 80 µA              |
| Supply voltage max. (Ub)       | 30 V               |
| Connection                     | Connector S4 (M12) |
| Electrical type                | DC                 |
| No-load supply current damped  | = 15 mA            |
| Switching output               | PNP                |
| Switching element function     | NO                 |
| Time delay before availability | 15 ms              |
| Operating frequency (f)        | 2500 Hz            |
| Voltage drop max. static       | 2,5 V              |
| Load current capacity (Ie)     | 200 mA             |
| Utilization category           | DC 13              |
| Hysteresis max (H)             | 3...15 %           |
| Supply voltage min. (Ub)       | 10 V               |

Mechanical data:

|                               |                     |
|-------------------------------|---------------------|
| Tightening torque             | 35 Nm               |
| Rated operating distance (sn) | 12 mm               |
| Assured operating distance    | 0...9,7 mm          |
| Ambient temperature max       | +70 °C              |
| Degree of pollution           | 3                   |
| Sensing face material         | LCP + PTFE          |
| Diameter                      | M18x1 mm            |
| Number of Wires               | 3-wire              |
| Mounting                      | non flush mountable |
| Ambient temperature min       | -25 °C              |
| Housing material              | CuZn, nickel plated |
| Repeat accuracy max. (R)      | 5 %                 |

General data:

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Degree of protection IP             | IP67                            |
| Features                            | Factor 1, magnetic field immune |
| Short circuit protected             | yes                             |
| Output indication                   | yes                             |
| Protected against polarity reversal | yes                             |
| Approval                            | CE,c_ul_us                      |

Wiring:



Pinout:

