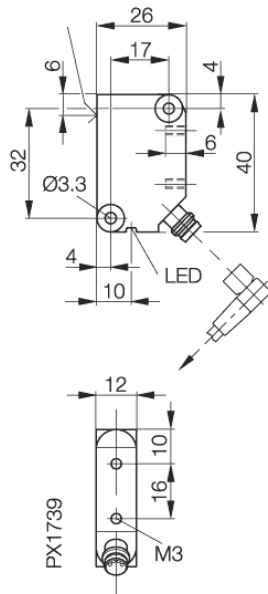


BES R05KB-PSC40B-S49A  
BES01ZE

PNP  
NO  
flush mountable



Electrical data:

|                                       |                    |
|---------------------------------------|--------------------|
| Rated operational voltage (Ue)        | 24 DC V            |
| Utilization category                  | DC 13              |
| Hysteresis max (H)                    | 15 %               |
| Ripple max. of Ue                     | 15 %               |
| Supply voltage min. (Ub)              | 10 V               |
| Load current capacity (Ie)            | 200 mA             |
| Off-state current max (Ir)            | 80 µA              |
| Supply voltage max. (U <sub>b</sub> ) | 30 V               |
| Connection                            | Connector S49 (M8) |
| Electrical type                       | DC                 |
| No-load supply current damped         | 4 mA               |
| Switching output                      | PNP                |
| Switching element function            | NO                 |
| Time delay before availability        | 10 ms              |
| Operating frequency (f)               | 400 Hz             |
| Voltage drop max. static              | 2,5 V              |

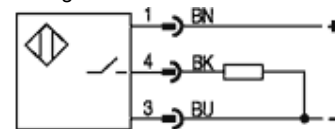
Mechanical data:

|                               |                 |
|-------------------------------|-----------------|
| Ambient temperature max       | +70 °C          |
| Tightening torque             | 0.25 Nm         |
| Rated operating distance (sn) | 4 mm            |
| Assured operating distance    | 0...3,2 mm      |
| Housing material              | PA              |
| Repeat accuracy max. (R)      | 5 %             |
| Degree of pollution           | 3               |
| Sensing face material         | PA              |
| Number of Wires               | 3-wire          |
| Mounting                      | flush mountable |
| Ambient temperature min       | -25 °C          |

General data:

|                                     |            |
|-------------------------------------|------------|
| Short circuit protected             | yes        |
| Approval                            | CE,c_ul_us |
| Degree of protection IP             | IP67       |
| Output indication                   | yes        |
| Protected against polarity reversal | yes        |

Wiring:



Pinout:

