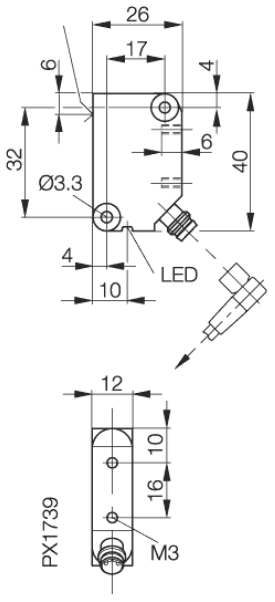
BES R05KB-PSC40B-S49A
BES01ZE

PNP
NO
flush mountable, Sn = 4 mm

BALLUFF
*sensors worldwide*




## Electrical data:

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

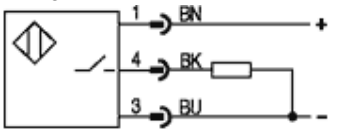
## Mechanical data:

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

## General data:

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

Wiring:




Pinout:

