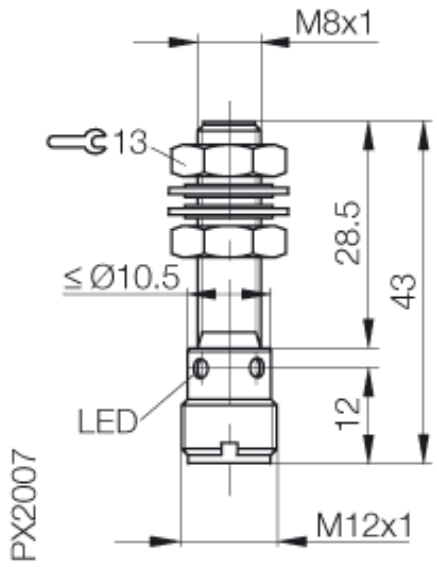
**BES M08EE-PSC15B-S04G**
**Inductive Sensors**

**PNP**
**NO**
**flush mountable**

BALLUFF
*sensors worldwide*




**Electrical data:**

| | |
|---|---|
| Connection | connector |
| Rated operational voltage (Ue) | 24 DC V |
| Load current capacity (Ie) | 200 mA |
| Time delay before availability | 20 ms |
| Electrical type | DC |
| Utilization category | DC 13 |
| Hysteresis max (H) | 15 % |
| Load capacitance max | 0,5 µF |
| No-load supply current damped | 3 mA |
| Off-state current max (Ir) | 20 µA |
| Ripple max. of Ue | = 15 % |
| Switching output | PNP |
| Switching element function | NO |
| Operating frequency (f) | 3000 Hz |
| Voltage drop max. static | 2,5 V |
| Supply voltage max. (Ub) | 30 V |
| Supply voltage min. (Ub) | 10 V |

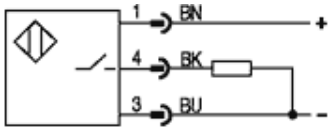
**Mechanical data:**

| | |
|---|---|
| Number of Wires | 3-wire |
| Rated operating distance (sn) | 1,5 mm |
| Diameter | M8x1 mm |
| Assured operating distance | 0...1,2 mm |
| Mounting | flush mountable |
| Ambient temperature max | +70 °C |
| Ambient temperature min | -25 °C |
| Degree of polution | 3 |
| Sensing face material | PA 12 |
| Housing material | corrosion resistance Steel |
| Repeat accuracy max. (R) | = 5 % |

**General data:**

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

**wiring**




**Pinout**

