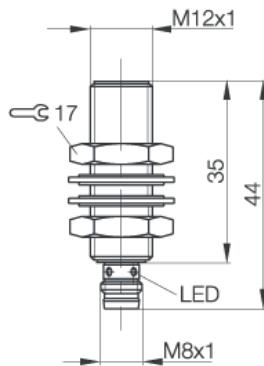


BES 516-329-G-E5-C-S49  
BES00TE

NPN  
NO  
flush mountable



PX2296

#### Electrical data:

|                                             |                    |
|---------------------------------------------|--------------------|
| Load current capacity (I <sub>e</sub> )     | 200 mA             |
| No-load supply current undamped             | 3 mA               |
| Off-state current max (I <sub>r</sub> )     | 10 µA              |
| Voltage drop max. static                    | 2,5 V              |
| Supply voltage max. (U <sub>b</sub> )       | 30 V               |
| Connection                                  | Connector S49 (M8) |
| Electrical type                             | DC                 |
| No-load supply current damped               | 14 mA              |
| Switching output                            | NPN                |
| Switching element function                  | NO                 |
| Rated operational voltage (U <sub>e</sub> ) | 24 DC V            |
| Utilization category                        | DC 13              |
| Ripple max. of U <sub>e</sub>               | = 15 %             |
| Supply voltage min. (U <sub>b</sub> )       | 10 V               |
| Time delay before availability              | 20 ms              |
| Hysteresis max (H)                          | 15 %               |
| Operating frequency (f)                     | 1000 Hz            |

#### Mechanical data:

|                                            |                      |
|--------------------------------------------|----------------------|
| Rated operating distance (s <sub>n</sub> ) | 4 mm                 |
| Assured operating distance                 | 0...3,2 mm           |
| Ambient temperature max                    | +70 °C               |
| Mounting                                   | flush mountable      |
| Degree of pollution                        | 3                    |
| Sensing face material                      | LCP                  |
| Diameter                                   | M12x1 mm             |
| Housing material                           | CuZn, Ni free coated |
| Repeat accuracy max. (R)                   | 5 %                  |
| Number of Wires                            | 3-wire               |
| Ambient temperature min                    | -25 °C               |

#### General data:

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

#### Wiring:



#### Pinout:

