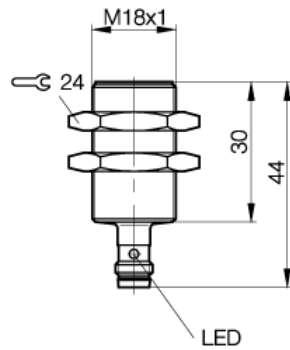


BES 516-366-G-E5-Y-S49  
BES00Y8

NPN  
NC  
flush mountable



PX0083a

#### Electrical data:

|                                         |                    |
|-----------------------------------------|--------------------|
| Rated operational voltage (Ue)          | 24 DC V            |
| Operating frequency (f)                 | 200 Hz             |
| Voltage drop max. static                | 3,5 V              |
| Time delay before availability          | 10 ms              |
| Utilization category                    | DC 13              |
| Hysteresis max (H)                      | 15 %               |
| Switching output                        | NPN                |
| Connection                              | Connector S49 (M8) |
| Electrical type                         | DC                 |
| No-load supply current damped           | = 12 mA            |
| Switching element function              | NC                 |
| Load current capacity (Ie)              | 130 mA             |
| Off-state current max (I <sub>r</sub> ) | 80 µA              |
| Ripple max. of Ue                       | = 15 %             |
| Supply voltage max. (U <sub>b</sub> )   | 30 V               |
| Supply voltage min. (U <sub>b</sub> )   | 10 V               |

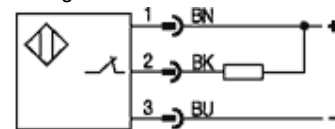
#### Mechanical data:

|                               |                     |
|-------------------------------|---------------------|
| Number of Wires               | 3-wire              |
| Mounting                      | flush mountable     |
| Degree of pollution           | 3                   |
| Assured operating distance    | 0...6,4 mm          |
| Ambient temperature max       | +70 °C              |
| Ambient temperature min       | -25 °C              |
| Diameter                      | M18x1 mm            |
| Housing material              | CuZn, nickel plated |
| Repeat accuracy max. (R)      | 5 %                 |
| Rated operating distance (sn) | 8 mm                |
| Sensing face material         | PBTP                |

#### General data:

|                                     |         |
|-------------------------------------|---------|
| Degree of protection IP             | IP67    |
| Approval                            | CE,ULZ1 |
| Output indication                   | yes     |
| Short circuit protected             | yes     |
| Protected against polarity reversal | yes     |

#### Wiring:



#### Pinout:

