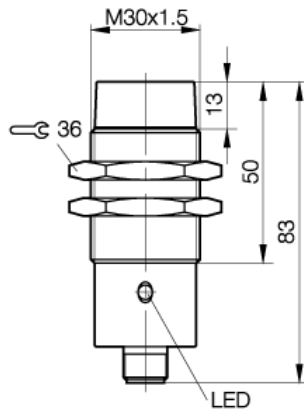


BES 516-363-S 4-C  
BES01JN

NPN  
NO  
non flush mountable



PX0102a

#### Electrical data:

|                                             |                    |
|---------------------------------------------|--------------------|
| Rated operational voltage (U <sub>e</sub> ) | 24 DC V            |
| Switching element function                  | NO                 |
| Time delay before availability              | 10 ms              |
| Utilization category                        | DC 13              |
| Hysteresis max (H)                          | 15 %               |
| Switching output                            | NPN                |
| Connection                                  | Connector S4 (M12) |
| Electrical type                             | DC                 |
| Off-state current max (I <sub>r</sub> )     | 80 µA              |
| Ripple max. of U <sub>e</sub>               | = 15 %             |
| Supply voltage max. (U <sub>b</sub> )       | 30 V               |
| Supply voltage min. (U <sub>b</sub> )       | 10 V               |
| Load current capacity (I <sub>e</sub> )     | 200 mA             |
| No-load supply current damped               | = 25 mA            |
| Operating frequency (f)                     | 100 Hz             |
| Voltage drop max. static                    | 2,5 V              |

#### Mechanical data:

|                               |                     |
|-------------------------------|---------------------|
| Diameter                      | M30x1.5 mm          |
| Ambient temperature min       | -40 °C              |
| Degree of pollution           | 3                   |
| Mounting                      | non flush mountable |
| Sensing face material         | PA 12               |
| Rated operating distance (sn) | 15 mm               |
| Housing material              | CuZn, nickel plated |
| Repeat accuracy max. (R)      | 5 %                 |
| Number of Wires               | 3-wire              |
| Assured operating distance    | 0...12,2 mm         |
| Ambient temperature max       | +85 °C              |

#### General data:

|                                     |                    |
|-------------------------------------|--------------------|
| Approval                            | CE, ULZ1           |
| Output indication                   | yes                |
| Short circuit protected             | yes                |
| Protected against polarity reversal | yes                |
| Insulation class                    | 2                  |
| Degree of protection IP             | IP68 per BWN Pr 20 |

#### Wiring:



#### Pinout:

