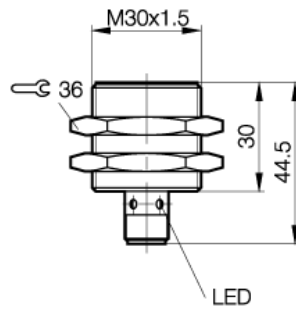


BES 516-3028-G-E5-Y-S 4  
BES00LU

PNP  
NC  
flush mountable



PX0326a

#### Electrical data:

|                                |                    |
|--------------------------------|--------------------|
| Rated operational voltage (Ue) | 24 DC V            |
| Load current capacity (Ie)     | 130 mA             |
| Switching element function     | NC                 |
| Connection                     | Connector S4 (M12) |
| Electrical type                | DC                 |
| No-load supply current damped  | = 12 mA            |
| Operating frequency (f)        | 100 Hz             |
| Voltage drop max. static       | 3,5 V              |
| Time delay before availability | 10 ms              |
| Utilization category           | DC 13              |
| Hysteresis max (H)             | 15 %               |
| Switching output               | PNP                |
| Off-state current max (Ir)     | 80 µA              |
| Ripple max. of Ue              | = 15 %             |
| Supply voltage max. (Ub)       | 30 V               |
| Supply voltage min. (Ub)       | 10 V               |

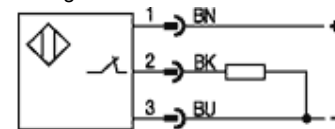
#### Mechanical data:

|                               |                     |
|-------------------------------|---------------------|
| Diameter                      | M30x1.5 mm          |
| Repeat accuracy max. (R)      | 5 %                 |
| Number of Wires               | 3-wire              |
| Assured operating distance    | 0...12,0 mm         |
| Ambient temperature max       | +70 °C              |
| Ambient temperature min       | -25 °C              |
| Mounting                      | flush mountable     |
| Sensing face material         | PA 12               |
| Housing material              | CuZn, nickel plated |
| Rated operating distance (sn) | 15 mm               |
| Degree of pollution           | 3                   |

#### General data:

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

#### Wiring:



#### Pinout:

