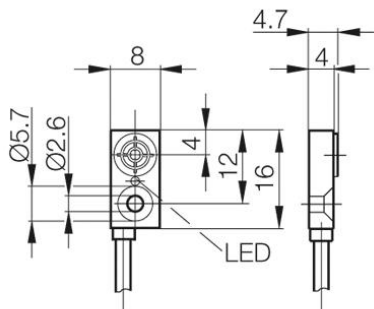


PX1618



## Inductive Sensors BES R04KC-POC15B-EV02 8 x 16 x 4 normally-closed Sn=1,5mm shielded

### Common Data

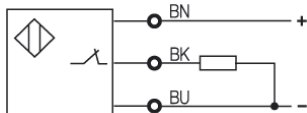
|                               |             |
|-------------------------------|-------------|
| Mounting in steel             | shielded    |
| Rated operating distance Sn   | 1,5mm       |
| Assured operating distance Sa | 0...1.2mm   |
| Repeatability R               | 1%          |
| Hysteresis                    | ≤ 15%       |
| Function indication           | yes         |
| Ambient temperature range     | -25...+70°C |
| Polution Degree               | 3           |

### Mechanical Data

|   |              |
|---|--------------|
| Measurements BxHxT or DxT                       | 8 x 16 x 4mm |
| Housing material                                | PA6-GF30     |
| Material of sensing face                        | PA6-GF30     |
| Degree of protection                            | IP67IP       |
| Connection                                      | Cable        |
| Cable type                                      | LiYY-0       |
| Schock: Halfsinus, 30 gn, 11ms                  |              |
| Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes |              |

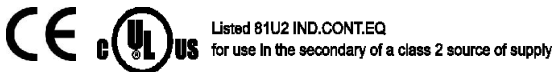
### Electrical Data

|                                     |                 |
|-------------------------------------|-----------------|
| Current type                        | DC              |
| Wiring                              | 3-Wire          |
| switching function                  | normally-closed |
| Output signal                       | PNP             |
| Rated operational voltage           | 24 DCV          |
| Rated operational current           | 100mA           |
| Supply voltage                      | 5...30 DCV      |
| Ripple                              | ≤ 10%           |
| max. switching frequency            | 600Hz           |
| Minimum operational current         | 0mA             |
| No-load supply current              | 10/1mA          |
| Off-state current                   | 50µA            |
| Voltage drop                        | 1,5V            |
| Short circuit protection            | yes             |
| Protected against polarity reversal | no              |



### Remarks

Mounting Instructions 825345



Utilization categories  
Insulation class

DC 12

Datasheet number:

Definitions see general catalog.  
If not otherwise noted, ratings according to  
IEC 60947-5-2 (DIN EN60947-5-2)

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Datenblatt by CD-ROM - 04/2007

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