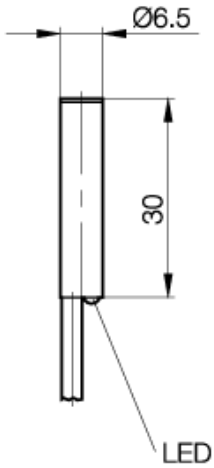
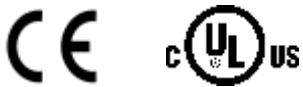
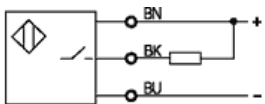


cyl. D 6.5  
 Sn = 1,5 mm  
 DC 3-Wire  
 shielded



PX2023



Utilization categories DC 13

If not differently indicated,  
 all values by IEC 60947-5-2 (DIN EN60947-5-2)  
 Specifications subject to change  
 Balluff GmbH  
 Postfach 1160  
 73761 Neuhausen  
 Telefon (07158) 173-0  
 Telefax (07158) 5010

**Common Data**

|                                |    |           |
|--------------------------------|----|-----------|
| Mounting                       |    | shielded  |
| Rated operating distance Sn    | mm | 1,5       |
| Assured operating distance Sa  | mm | 0...1.2   |
| Repeatability                  | %  | <= 5      |
| Hysteresis                     | %  | <= 15     |
| Function indication            |    | yes       |
| Ambient temperature range      | °C | -25...+70 |
| Polution Degree                |    | 3         |
| IEC-Code                       |    | I1B06AN1  |
| Time delay before availability | ms | <= 20     |

**Mechanical Data**

|                           |    |                   |
|---------------------------|----|-------------------|
| Housing size              | mm | cyl. D 6.5        |
| Measurements BxHxT or DxT | mm | D6.5 x 30         |
| Housing material          |    | stainless steel   |
| Material of sensing face  |    | PA 12             |
| Degree of protection      |    | 68 acc. BWN Pr 20 |
| Connection                |    | Cable             |
| Cable type                |    | LifY-11Y-O        |

**Electrical Data**

|                                     |    |               |
|-------------------------------------|----|---------------|
| Current type                        |    | DC            |
| Wiring                              |    | 3-Wire        |
| switching function                  |    | normally-open |
| Output signal                       |    | NPN           |
| Rated operational voltage           | V  | 24 DC         |
| Rated operational current           | mA | 200           |
| Supply voltage                      | V  | 10...30 DC    |
| Ripple                              | %  | <= 15         |
| Rated supply frequency              | Hz | 3000          |
| No-load supply current              | mA | <= 11 / <= 3  |
| Off-state current                   | µA | <= 20         |
| Voltage drop                        | V  | <= 2.5/-      |
| Short circuit protection            |    | yes           |
| Protected against polarity reversal |    | yes           |

**EMV**

ESD/RFI/Burst/IVW  
 Emission  
 28.02.2007 / Online-Information

