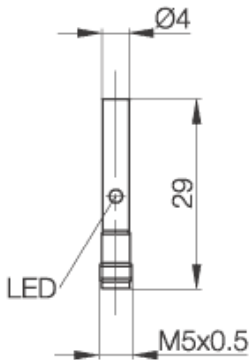
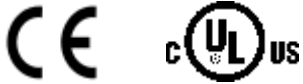
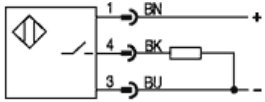


cyl. D 4
 Sn = 0,8 mm
 DC 3-Wire
 shielded



PX2085



Utilization categories DC 13

Notes
 Connector BKS-B 25/BKS-B 26

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 | 0,8 |
| Assured operating distance Sa | mm | 0...0,65 |
| Repeatability | % | ≤5 |
| Hysteresis | % | ≤15 |
| Function indication | | yes |
| Ambient temperature range | °C | -25...+70 |
| Polution Degree | | 3 |
| IEC-Code | | 1B04AP2 |
| Time delay before availability | ms | <25 |

Mechanical Data

| | | |
|---------------------------|----|-----------------|
| Housing size | mm | cyl. D 4 |
| Measurements BxHxT or DxT | mm | Ø 4 x 29 |
| Housing material | | stainless steel |
| Material of sensing face | | POM |
| Degree of protection | | 67 |
| Connection | | Connector M5 |

Electrical Data

| | | |
|-------------------------------------|----|---------------|
| Current type | | DC |
| Wiring | | 3-Wire |
| switching function | | normally-open |
| Output signal | | PNP |
| Rated operational voltage | V | 24 DC |
| Rated operational current | mA | 100 |
| Supply voltage | V | 10...30 DC |
| Ripple | % | ≤10 |
| Rated supply frequency | Hz | DC |
| Rated supply frequency | Hz | 3000 |
| Minimum operational current | mA | 1 |
| No-load supply current | mA | ≤ 12 |
| Off-state current | µA | ≤80 |
| Voltage drop | V | ≤3 /- |
| Short circuit protection | | yes |
| Protected against polarity reversal | | yes |

14.09.2004 / Online-Information