



PX1571

**Electrical data:**

|                                 |         |
|---------------------------------|---------|
| Connection                      | cable   |
| Rated operational voltage (Ue)  | 24 DC V |
| Load current capacity (Ie)      | 200 mA  |
| Electrical type                 | DC      |
| Utilization category            | DC 13   |
| No-load supply current damped   | = 10 mA |
| No-load supply current undamped | = 10 mA |
| Off-state current max (Ir)      | 20 µA   |
| Switching output                | NPN     |
| Switching element function      | NO      |
| Operating frequency (f)         | 700 Hz  |
| Voltage drop max. static        | 2,5 V   |
| Supply voltage max. (Ub)        | 30 V    |
| Supply voltage min. (Ub)        | 12 V    |

**Mechanical data:**

|                               |                     |
|-------------------------------|---------------------|
| Number of wires               | 3-wire              |
| Rated operating distance (sn) | 2 mm                |
| Diameter                      | M 8 mm              |
| Assured operating distance    | 0...1,6 mm          |
| Cable code designation        | LiYY-O              |
| Mounting                      | flush mountable     |
| Ambient temperature max       | +70 °C              |
| Ambient temperature min       | -25 °C              |
| Sensing face material         | PA 12               |
| Housing material              | CuZn, nickel plated |
| Repeat accuracy max. (R)      | = 5 %               |

**General data:**

|                                     |      |
|-------------------------------------|------|
| Output indication                   | yes  |
| Short circuit protected             | yes  |
| Degree of protection IP             | IP67 |
| Protected against polarity reversal | yes  |
| Approval                            | CE   |

**wiring**

