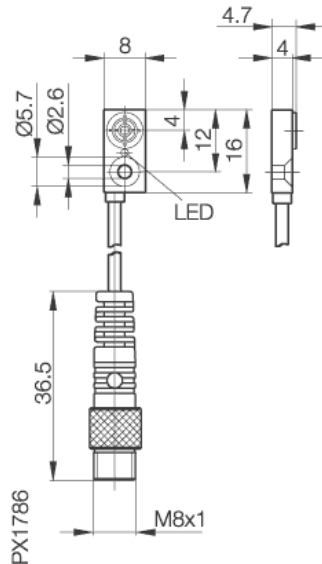


**BES R04KC-POC15B-EP00,13-GS49  
BES01Y6**

**Inductive Sensors**

PNP  
NC  
flush mountable



**Electrical data:**

|                                |                         |
|--------------------------------|-------------------------|
| Connection                     | Cable with connector M8 |
| Rated operational voltage (Ue) | 24 DC V                 |
| Load current capacity (Ie)     | 100 mA                  |
| Time delay before availability | 10 ms                   |
| Electrical type                | DC                      |
| Utilization category           | DC 12                   |
| Hysteresis max. (H)            | 15 %                    |
| No-load supply current damped  | = 10 mA                 |
| Off-state current max (Ir)     | 50 µA                   |
| Ripple max. of Ue              | 10 %                    |
| Switching output               | PNP                     |
| Switching element function     | NC                      |
| Operating frequency (f)        | 600 Hz                  |
| Voltage drop max. static       | 1,5 V                   |
| Supply voltage max. (Ub)       | 30 V                    |
| Supply voltage min. (Ub)       | 10 V                    |

**Mechanical data:**

|                               |                 |
|-------------------------------|-----------------|
| Number of Wires               | 3-wire          |
| Rated operating distance (sn) | 1,5 mm          |
| Assured operating distance    | 0...1,2 mm      |
| Cable code designation        | Li12Y-11Y-0     |
| Mounting                      | flush mountable |
| Ambient temperature max       | +70 °C          |
| Ambient temperature min       | -25 °C          |
| Degree of pollution           | 3               |
| Sensing face material         | PA 6-GF30       |
| Housing material              | PA 6-GF30       |
| Repeat accuracy max. (R)      | = 1 %           |

**General data:**

|                                     |            |
|-------------------------------------|------------|
| Output indication                   | yes        |
| Short circuit protected             | yes        |
| Degree of protection IP             | IP67       |
| Protected against polarity reversal | no         |
| Approval                            | CE,c_ul_us |

**Wiring:**



**Pinout:**

