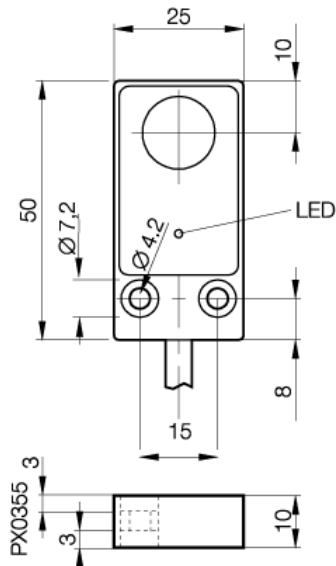


BES 516-347-MO-C-05  
BES01FK

PNP  
NO  
flush mountable



#### Electrical data:

|                                             |             |
|---------------------------------------------|-------------|
| Time delay before availability              | 10 ms       |
| Load capacitance max                        | 1.0 $\mu$ F |
| No-load supply current damped               | = 25 mA     |
| Operating frequency (f)                     | 500 Hz      |
| Voltage drop max. static                    | 2.5 V       |
| Load current capacity (I <sub>e</sub> )     | 200 mA      |
| Hysteresis max (H)                          | 15 %        |
| Supply voltage max. (U <sub>b</sub> )       | 30 V        |
| Supply voltage min. (U <sub>b</sub> )       | 10 V        |
| Connection                                  | Cable       |
| Electrical type                             | DC          |
| Off-state current max (I <sub>r</sub> )     | 80 $\mu$ A  |
| Ripple max. of U <sub>e</sub>               | = 15 %      |
| Rated operational voltage (U <sub>e</sub> ) | 24 DC V     |
| Utilization category                        | DC 13       |
| Switching output                            | PNP         |
| Switching element function                  | NO          |

#### Mechanical data:

|                                            |                 |
|--------------------------------------------|-----------------|
| Rated operating distance (s <sub>n</sub> ) | 5 mm            |
| Assured operating distance                 | 0...4,0 mm      |
| Cable code designation                     | LiYY-O          |
| Repeat accuracy max. (R)                   | 5 %             |
| Ambient temperature max                    | +70 °C          |
| Ambient temperature min                    | -25 °C          |
| Degree of pollution                        | 3               |
| Sensing face material                      | PBTP            |
| Housing material                           | Gd Al 12        |
| Number of wires                            | 3-wire          |
| Mounting                                   | flush mountable |

#### General data:

|                                     |      |
|-------------------------------------|------|
| Approval                            | CE   |
| Brand                               | M0   |
| Degree of protection IP             | IP67 |
| Protected against polarity reversal | yes  |
| Output indication                   | yes  |
| Short circuit protected             | yes  |

#### Wiring:

