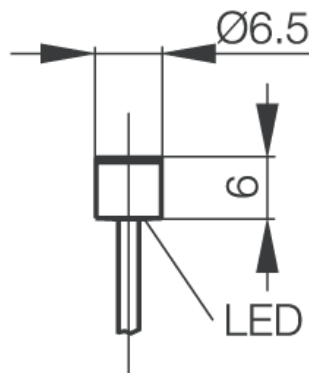


BES G06E60-NSC15B-EP02  
BES024Z

NPN  
NO  
flush mountable

CH0170a



#### Electrical data:

|                                 |                |
|---------------------------------|----------------|
| Rated operational voltage (Ue)  | 24 DC V        |
| Load current capacity (Ie)      | 150 mA         |
| Rated insulation voltage (Ui)   | 75 DC          |
| Utilization category            | DC 13          |
| No-load supply current damped   | 14 mA          |
| No-load supply current undamped | 3 mA           |
| Operating frequency (f)         | 3000 Hz        |
| Voltage drop max. static        | 2,5 V          |
| Time delay before availability  | 20 ms          |
| Hysteresis max (H)              | 15 %           |
| Load capacitance max            | 0,2 µF         |
| Switching output                | NPN            |
| Switching element function      | NO             |
| Supply voltage max. (Ub)        | 30 V           |
| Supply voltage min. (Ub)        | 10 V           |
| Connection                      | Cable          |
| Output resistance (Ra)          | open collector |
| Electrical type                 | DC             |
| Off-state current max (Ir)      | 10 µA          |
| Ripple max. of Ue               | 10 %           |

#### Mechanical data:

|                               |                            |
|-------------------------------|----------------------------|
| Number of wires               | 3-wire                     |
| Assured operating distance    | 0...1,2 mm                 |
| Cable code designation        | PUR                        |
| Mounting                      | flush mountable            |
| Housing material              | corrosion resistance Steel |
| Repeat accuracy max. (R)      | 5 %                        |
| Rated operating distance (sn) | 1,5 mm                     |
| Diameter                      | 6,5 mm                     |
| Ambient temperature max       | +70 °C                     |
| Ambient temperature min       | -25 °C                     |
| Conductor cross section       | 3x0,073                    |
| Degree of pollution           | 3                          |
| Sensing face material         | POM                        |

#### General data:

|                                     |               |
|-------------------------------------|---------------|
| Protected against polarity reversal | yes           |
| Approval                            | CE,c_ul_us    |
| Output indication                   | yes           |
| Short circuit protected             | yes           |
| Brand                               | SuperShorties |
| Degree of protection IP             | IP67          |
| Insulation class                    | 2             |

#### Wiring:

