

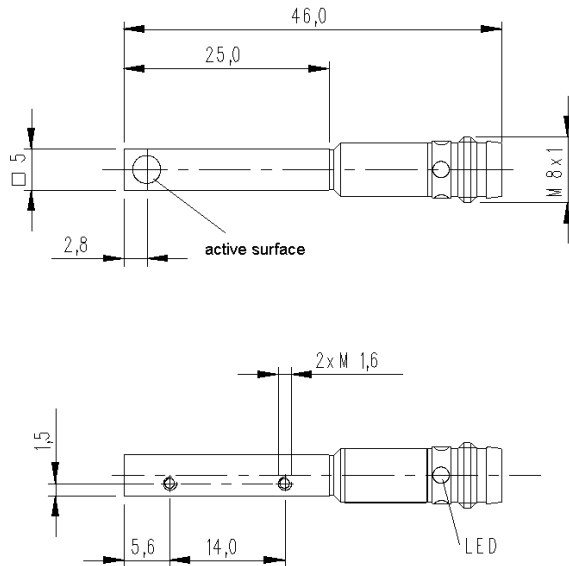
BES 516-3041-I02-C-S49

BES01A0

NPN

NO

flush mountable



#### Electrical data:

|                                 |                    |
|---------------------------------|--------------------|
| Time delay before availability  | 15 ms              |
| Hysteresis max (H)              | 15 %               |
| Ripple max. of Ue               | = 10 %             |
| Rated operational voltage (Ue)  | 24 DC V            |
| No-load supply current damped   | 12 mA              |
| Supply voltage max. (Ub)        | 30 V               |
| Load current capacity (Ie)      | 100 mA             |
| Utilization category            | DC 13              |
| Switching output                | NPN                |
| Switching element function      | NO                 |
| Supply voltage min. (Ub)        | 10 V               |
| Connection                      | Connector S49 (M8) |
| Electrical type                 | DC                 |
| No-load supply current undamped | 3 mA               |
| Off-state current max (Ir)      | 10 µA              |
| Operating frequency (f)         | 3000 Hz            |
| Voltage drop max. static        | 2,5 V              |

#### Mechanical data:

|                               |                 |
|-------------------------------|-----------------|
| Ambient temperature max       | +70 °C          |
| Housing material              | Aluminium       |
| Repeat accuracy max. (R)      | 5 %             |
| Assured operating distance    | 0...0,65 mm     |
| Mounting                      | flush mountable |
| Degree of pollution           | 3               |
| Sensing face material         | POM             |
| Rated operating distance (sn) | 0,8 mm          |
| Ambient temperature min       | -25 °C          |
| Number of Wires               | 3-wire          |

#### General data:

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

#### Wiring:



#### Pinout:

