



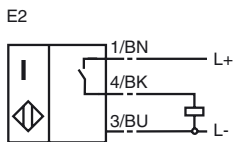
Model Number

NBB0,8-5GM25-E2

Features

- Basic series
- 0.8 mm embeddable

Connection

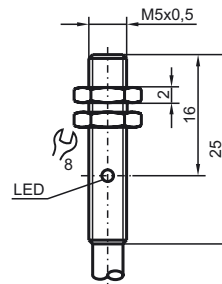


Accessories

BF 5

Mounting flange

Dimensions



Technical Data

General specifications

| | |
|----------------------------|----------------------|
| Switching element function | PNP Make function |
| Rated operating distance | s_n 0.8 mm |
| Installation | embeddable |
| Output polarity | DC |
| Assured operating distance | s_a 0 ... 0.648 mm |
| Reduction factor r_{AI} | 0.45 |
| Reduction factor r_{Cu} | 0.4 |
| Reduction factor r_{V2A} | 0.85 |

Nominal ratings

| | | |
|-----------------------------------|-------|--|
| Operating voltage | U_B | 10 ... 30 V |
| Switching frequency | f | 0 ... 3000 Hz |
| Reverse polarity protection | | protected against reverse polarity |
| Short-circuit protection | | pulsing |
| Voltage drop | U_d | ≤ 3 V |
| Operating current | I_L | 0 ... 200 mA |
| Off-state current | I_r | 0 ... 0.1 mA typ. 0.1 μ A at 25 °C |
| No-load supply current | I_0 | ≤ 15 mA |
| Indication of the switching state | | LED, yellow |

Standard conformity

| | |
|-----------|-------------------------|
| Standards | IEC / EN 60947-5-2:2004 |
|-----------|-------------------------|

Ambient conditions

| | |
|---------------------|-------------------------------|
| Ambient temperature | -25 ... 70 °C (248 ... 343 K) |
|---------------------|-------------------------------|

Mechanical specifications

| | |
|--------------------|----------------------|
| Connection type | 2 m, PVC cable |
| Core cross-section | 0.14 mm ² |
| Housing material | Stainless steel |
| Sensing face | PBT |
| Protection degree | IP67 |