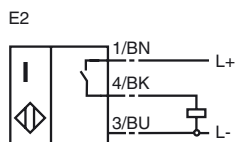


**Model Number**

NBB10-30GM50-E2-V1-M

Features

- Basic series
- 10 mm embeddable
- e1-Type approval

Connection**Accessories****V1-G**

Non pre-wired cable socket

V1-W

Non pre-wired cable socket

BF 30

Mounting flange

V1-G-2M-PUR

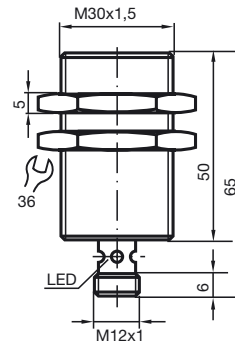
Cable connector

V1-W-2M-PUR

Cable connector

EXG-30

Mounting aid

Dimensions**Technical Data****General specifications**

| | | |
|----------------------------|-------|---------------|
| Switching element function | PNP | Make function |
| Rated operating distance | s_n | 10 mm |
| Installation | | embeddable |
| Output polarity | | DC |
| Assured operating distance | s_a | 0 ... 8.1 mm |
| Reduction factor r_{Al} | | 0.3 |
| Reduction factor r_{Cu} | | 0.3 |
| Reduction factor r_{V2A} | | 0.8 |

Nominal ratings

| | | |
|-----------------------------------|-------|--|
| Operating voltage | U_B | 10 ... 30 V |
| Switching frequency | f | 0 ... 200 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 ... 0.5 mA typ. 0.1 μ A at 25 °C |
| No-load supply current | I_0 | ≤ 20 mA |
| Indication of the switching state | | Multihole-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 | V1-connector |
| Housing material | brass, nickel-plated |
| Sensing face | PBT |
| Protection degree | IP67 |

Approvals and certificates

| | |
|------------------|----------|
| e1 Type approval | 95/54/EC |
|------------------|----------|