



Model Number

NBB0,6-4GM22-E2

Features

- 0.6 mm flush
- Miniature design

Accessories

BF 4

Mounting flange, 4 mm

Technical Data

General specifications

| | | |
|------------------------------|-------|--------------------|
| Switching function | | Normally open (NO) |
| Output type | | PNP |
| Rated operating distance | s_n | 0.6 mm |
| Installation | | flush |
| Output polarity | | DC |
| Assured operating distance | s_a | 0 ... 0.486 mm |
| Reduction factor r_{Al} | | 0.4 |
| Reduction factor r_{Cu} | | 0.29 |
| Reduction factor r_{304} | | 0.76 |
| Reduction factor r_{Brass} | | 0.46 |
| Output type | | 3-wire |

Nominal ratings

| | | |
|-----------------------------|-------|----------------------------|
| Operating voltage | U_B | 10 ... 30 V |
| Switching frequency | f | 0 ... 1400 Hz |
| Hysteresis | H | typ. 5% |
| Reverse polarity protection | | reverse polarity protected |
| Short-circuit protection | | pulsing |
| Voltage drop | U_d | ≤ 3 V |
| Operating current | I_L | 0 ... 100 mA |
| Off-state current | I_r | 0 ... 0.1 mA typ. at 25 °C |
| No-load supply current | I_0 | ≤ 10 mA |
| Switching state indicator | | LED, yellow |

Ambient conditions

| | | |
|---------------------|--|--------------------------------|
| Ambient temperature | | -25 ... 70 °C (-13 ... 158 °F) |
|---------------------|--|--------------------------------|

Mechanical specifications

| | | |
|----------------------|--|-----------------------------------|
| Connection type | | cabl PUR , 2 m |
| Core cross-section | | 0.055 mm ² |
| Housing material | | Stainless steel 1.4305 / AISI 303 |
| Sensing face | | PC |
| Degree of protection | | IP67 |

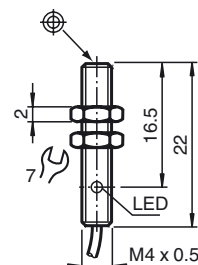
Compliance with standards and directives

| | | |
|---------------------|--|---|
| Standard conformity | | |
| Standards | | EN 60947-5-2:2007 IEC 60947-5-2:2007 |

Approvals and certificates

| | | |
|--------------|--|--|
| UL approval | | cULus Listed, General Purpose |
| CSA approval | | cCSAus Listed, General Purpose |
| CCC approval | | CCC approval / marking not required for products rated ≤ 36 V |

Dimensions



Electrical Connection

