



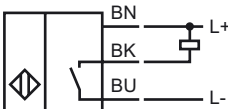
Model Number

NJ0,6-4GM22-E

Features

- 0.6 mm embeddable

Connection

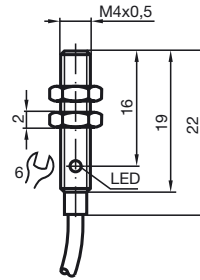


Accessories

BF 4

Mounting flange, 4 mm

Dimensions



Technical Data

General specifications

| | | | |
|----------------------------|-------|----------------|----|
| Switching element function | | NPN | NO |
| Rated operating distance | s_n | 0.6 mm | |
| Installation | | embeddable | |
| Output polarity | | DC | |
| Assured operating distance | s_a | 0 ... 0.486 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 |
| Hysteresis | H | typ. 5% |
| Reverse polarity protected | | reverse polarity protected |
| Short-circuit protection | | pulsing |
| Voltage drop | U_d | ≤ 2 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 |
| Indication of the switching state | | LED, yellow |

Ambient conditions

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

Mechanical specifications

| | |
|--------------------|-----------------------------------|
| Connection type | cable PUR, 2 m |
| Core cross-section | 0.055 mm ² |
| Housing material | Stainless steel 1.4305 / AISI 303 |
| Sensing face | PBT |
| Protection degree | 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 |