



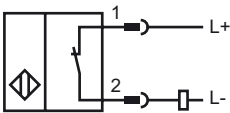
Model Number

NCN15-30GM60-Z1-V1

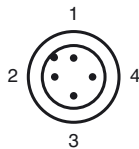
Features

- Comfort series
- 15 mm non-flush

Connection



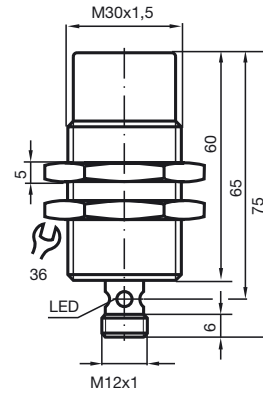
Pinout



Wire colors in accordance with EN 60947-5-2

| | | |
|---|----|---------|
| 1 | BN | (brown) |
| 2 | WH | (white) |
| 3 | BU | (blue) |
| 4 | BK | (black) |

Dimensions



Technical Data

General specifications

| | | |
|----------------------------|-----------|----------------|
| Switching element function | DC | NC |
| Rated operating distance | s_n | 15 mm |
| Installation | non-flush | |
| Output polarity | DC | |
| Assured operating distance | s_a | 0 ... 12.15 mm |
| Reduction factor r_{Al} | 0.43 | |
| Reduction factor r_{Cu} | 0.36 | |
| Reduction factor r_{304} | 0.7 | |

Nominal ratings

| | | |
|-----------------------------------|-----------------------|--------------------------|
| Operating voltage | U_B | 5 ... 60 V |
| Switching frequency | f | 0 ... 50 Hz |
| Hysteresis | H | 1 ... 15 typ. 5 % |
| Reverse polarity protected | tolerant | |
| Short-circuit protection | pulsing | |
| Voltage drop | U_d | ≤ 5 V |
| Operating current | I_L | 2 ... 100 mA |
| Off-state current | I_r | 0 ... 0.9 mA typ. 0.7 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 (-13 ... 158 °F) |
| Storage temperature | -40 ... 100 °C (-40 ... 212 °F) |

Mechanical specifications

| | |
|-------------------|--------------------|
| Housing material | Stainless steel |
| Sensing face | PBT |
| Protection degree | IP67 |
| Note | discontinued model |

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