



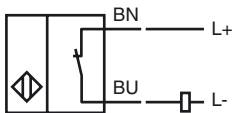
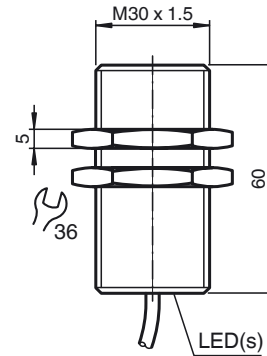
CE

Model Number

NCB10-30GM60-Z1

Features

- Comfort series
- 10 mm flush

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

| | | | |
|----------------------------|-------|--------------|----|
| Switching element function | | DC | NC |
| Rated operating distance | s_n | 10 mm | |
| Installation | | flush | |
| Output polarity | | DC | |
| Assured operating distance | s_a | 0 ... 8.1 mm | |
| Reduction factor r_{AI} | | 0.32 | |
| Reduction factor r_{Cu} | | 0.32 | |
| Reduction factor r_{304} | | 0.72 | |

Nominal ratings

| | | |
|-----------------------------------|-------|--------------------------|
| Operating voltage | U_B | 5 ... 60 V |
| Switching frequency | f | 0 ... 650 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 | | 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

| | |
|--------------------|----------------------|
| Core cross-section | 0.34 mm ² |
| Housing material | Stainless steel |
| Sensing face | PBT |
| Protection degree | IP67 |
| Note | discontinued model |