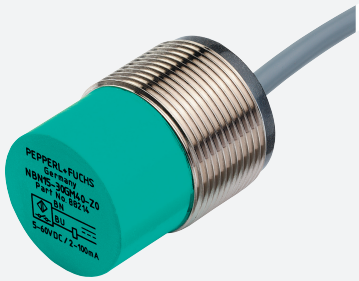
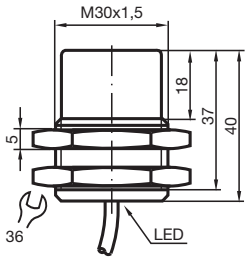
# Inductive sensor

# NCN15-30GM40-Z0-10M

- 15 mm non-flush



## Dimensions




## Technical Data

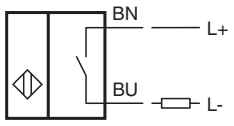
| | | |
|---|---|---|
| **General specifications** | | |
| Switching function | | Normally open (NO) |
| Output type | | Two-wire |
| Rated operating distance | $s_n$ | 15 mm |
| Installation | | non-flush |
| Output polarity | | DC |
| Assured operating distance | $s_a$ | 0 ... 12.2 mm |
| Actual operating distance | $s_r$ | 13.5 ... 16.5 mm typ. |
| Reduction factor $r_{Al}$ | | 0.38 |
| Reduction factor $r_{Cu}$ | | 0.35 |
| Reduction factor $r_{304}$ | | 0.68 |
| **Nominal ratings** | | |
| Operating voltage | $U_B$ | 5 ... 60 V |

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## Technical Data

| | | |
|---|---|---|
| Switching frequency | f | 0 ... 100 Hz |
| Hysteresis | H | 1 ... 10 typ. 5 % |
| Reverse polarity protection | | reverse polarity tolerant |
| Short-circuit protection | | pulsing |
| Voltage drop | $U_d$ | ≤ 5 V |
| Operating current | $I_L$ | 2 ... 100 mA |
| Lowest operating current | $I_m$ | 2 mA |
| Off-state current | $I_r$ | 0 ... 0.5 mA typ. |
| Time delay before availability | $t_v$ | ≤ |
| Switching state indicator | | all direction LED, yellow |
| **Compliance with standards and directives** | | |
| Standard conformity | | |
| Standards | | EN 60947-5-2:2007<br>IEC 60947-5-2:2007 |
| **Approvals and certificates** | | |
| UL approval | | cULus Listed, General Purpose |
| CSA approval | | cCSAus Listed, General Purpose |
| CCC approval | | Certified by China Compulsory Certification (CCC) |
| **Ambient conditions** | | |
| Ambient temperature | | -25 ... 70 °C (-13 ... 158 °F) |
| **Mechanical specifications** | | |
| Connection type | | cable PUR , 10 m |
| Cable version | | PA |
| Core cross-section | | 0.34 mm² |
| Housing material | | Stainless steel 1.4305 / AISI 303 |
| Sensing face | | PBT |
| Degree of protection | | IP67 |

## Connection




## Accessories

| | | |
|---|---|---|
|  | **BF 30** | Mounting flange, 30 mm |

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