



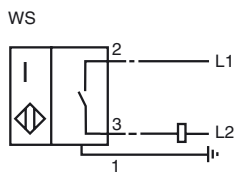
Model Number

NBB10-30GM60-WS-V

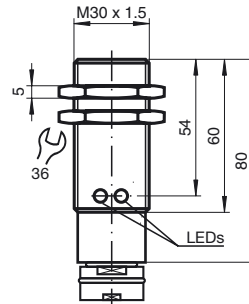
Features

- Basic series
- 10 mm embeddable

Connection



Dimensions



Technical Data

General specifications

| | | |
|----------------------------|-------|--------------|
| Switching element function | AC | NO |
| Rated operating distance | s_n | 10 mm |
| Installation | | embeddable |
| Output polarity | | AC |
| Assured operating distance | s_a | 0 ... 8.1 mm |
| Reduction factor r_{Al} | | 0.33 |
| Reduction factor r_{Cu} | | 0.28 |
| Reduction factor r_{V2A} | | 0.81 |

Nominal ratings

| | | |
|--------------------------------------|-------|-------------------|
| Operating voltage | U_B | 20 ... 253 V |
| Switching frequency | f | 0 ... 20 Hz |
| Hysteresis | H | typ. 5 % |
| Voltage drop | U_d | ≤ 8 V |
| Momentary current (20 ms, 0.1 Hz) | | 0 ... 1600 mA |
| Operating current | I_L | 5 ... 200 mA |
| Off-state current | I_r | 0 ... 1.7 mA typ. |
| Operating voltage display | | LED, green |
| Indication of the switching state | | LED, yellow |

Ambient conditions

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

Mechanical specifications

| | | |
|-------------------|--|--------------------------|
| Connection type | | connector 5PIN 15A250VAC |
| Housing material | | brass, nickel-plated |
| 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

| | | |
|--------------|--|---|
| CCC approval | | Certified by China Compulsory Certification (CCC) |
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