



Model Number

NBN15-30GK60-UR-1M

Features

- Relay output
- Sensing range 15 mm
- SPDT output
- AC/DC Model
- Switch load currents to 6 Amps

Accessories

BF 30

Mounting flange, 30 mm

AB-30

Mounting aid

Technical Data

General specifications

| | |
|----------------------------|---|
| Switching element function | SPDT Relay |
| Rated operating distance | s_n 15 mm |
| Installation | non-flush |
| Output polarity | DC |
| Reduction factor r_{Al} | 0.4 |
| Reduction factor r_{Cu} | 0.37 |
| Reduction factor r_{304} | 0.73 |
| Mechanical life | No load: 2×10^7 operations Full load: 1×10^5 switching cycles |

Nominal ratings

| | | |
|-----------------------------|-------|---------------------------|
| Operating voltage | U_B | 20 ... 132 V AC/DC |
| Hysteresis | H | 1 ... 12 % |
| Reverse polarity protection | | reverse polarity tolerant |
| Short-circuit protection | | no |
| Operating current | I_L | ≤ 50 mA |
| Switching state indication | | LED, red 360° |

Output

| | |
|-------------------|-----------------------------|
| Switching voltage | max 28 V DC , 250 V AC |
| Switching current | 6 A , AC/DC, resistive load |
| Switching power | max 180 W |

Ambient conditions

| | |
|---------------------|--------------------------------|
| Ambient temperature | -40 ... 70 °C (-40 ... 158 °F) |
|---------------------|--------------------------------|

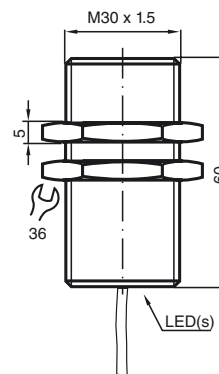
Mechanical specifications

| | |
|--------------------|---|
| Connection type | 1-meter cable, PVC heavy jacket, 5-conductor, #18 AWG |
| Core cross-section | 0.75 mm ² |
| Housing material | PBT |
| Sensing face | PBT |
| Protection degree | IP68 |

Approvals and certificates

| | |
|--------------|--------------------------------|
| UL approval | cULus Listed, General Purpose |
| CSA approval | cCSAus Listed, General Purpose |

Dimensions



Electrical Connection

