



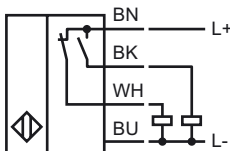
Model Number

NJ15-M1M-A2

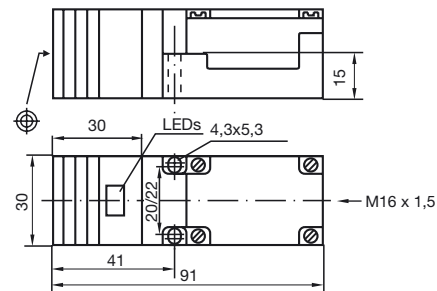
Features

- Comfort series
- 15 mm not embeddable

Connection



Dimensions



Technical Data

General specifications

| | | |
|----------------------------|----------------|----------------|
| Switching element function | PNP | Antivalent |
| Rated operating distance | s_n | 15 mm |
| Installation | not embeddable | |
| Output polarity | DC | |
| Assured operating distance | s_a | 0 ... 12.15 mm |
| Reduction factor r_{A1} | 0.3 | |
| Reduction factor r_{Cu} | 0.2 | |
| Reduction factor r_{V2A} | 0.7 | |

Nominal ratings

| | | |
|-----------------------------------|------------------------------------|----------------|
| Operating voltage | U_B | 10 ... 60 V |
| Switching frequency | f | 0 ... 150 Hz |
| Hysteresis | H | typ. 3 % |
| Reverse polarity protection | protected against reverse polarity | |
| Short-circuit protection | pulsing | |
| Voltage drop | U_d | ≤ 2.5 V |
| Operating current | I_L | 0 ... 200 mA |
| No-load supply current | I_0 | ≤ 14.5 mA |
| Operating voltage display | LED, green | |
| Indication of the switching state | LED, yellow | |

Standard conformity

| | |
|-----------|-------------------------|
| Standards | IEC / EN 60947-5-2:2004 |
|-----------|-------------------------|

Ambient conditions

| | |
|---------------------|-------------------------------|
| Ambient temperature | -25 ... 70 °C (248 ... 343 K) |
|---------------------|-------------------------------|

Mechanical specifications

| | |
|--------------------|---------------------------|
| Connection type | terminal compartment |
| Core cross-section | up to 2.5 mm ² |
| Housing material | PBT |
| Sensing face | PBT |
| Protection degree | IP67 |