



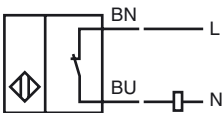
### Model Number

NBN15-M1K-WO

### Features

- 15 mm not embeddable
- 2-wire AC

### Connection

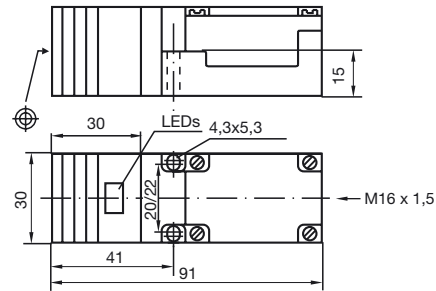


### Accessories

#### MH 04-3742A

Mounting aid for VariKont and -M1K-

### Dimensions



### Technical Data

#### General specifications

Switching element function	AC	NC
Rated operating distance	$s_n$	15 mm
Installation		not embeddable
Output polarity		AC
Assured operating distance	$s_a$	0 ... 12.15 mm
Reduction factor $r_{Al}$		0.43
Reduction factor $r_{Cu}$		0.41
Reduction factor $r_{304}$		0.82

#### Nominal ratings

Operating voltage	$U_B$	20 ... 253 V AC
Switching frequency	$f$	0 ... 20 Hz
Hysteresis	$H$	typ. 5 %
Voltage drop	$U_d$	$\leq 8$ V
Momentary current (20 ms, 0.1 Hz)		0 ... 2400 mA
Operating current	$I_L$	5 ... 400 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)
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#### Mechanical specifications

Connection type	screw terminals
Core cross-section	$\leq 2.5$ mm <sup>2</sup>
Housing material	PBT
Sensing face	PBT
Protection degree	IP67
Note	1) In the temperature range below 0 °C, permissible operating voltage $U_b$ 80...253 V Safety fuse $\leq 2$ A (quick-blow) according to IEC 60127-2 Sheet 1 Recommendation: after a short circuit, check that the device is functioning correctly.

#### Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

#### Approvals and certificates

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