



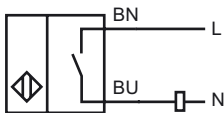
Model Number

NBN15-M1K-WS

Features

- 15 mm not embeddable
- 2-wire AC

Connection

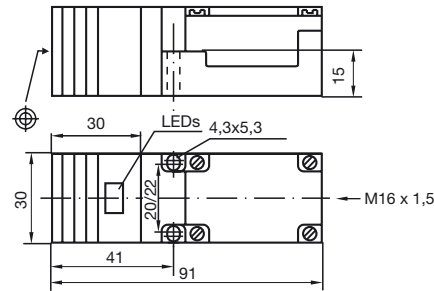


Accessories

MH 04-3742A

Mounting aid for VariKont and -M1K-

Dimensions



Technical Data

General specifications

Switching element function	AC	NO
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	≤ 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	≤ 2.5 mm ²
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 ≤ 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