



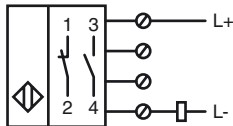
**Model Number**

NCN15-M1K-Z2

**Features**

- 15 mm non-flush
- 2-wire DC

**Connection**

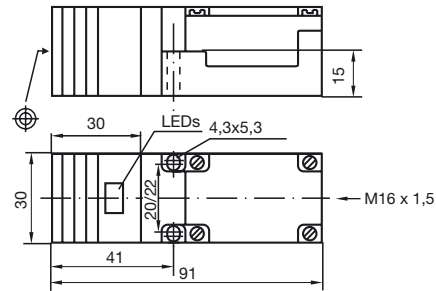


**Accessories**

MH 04-3742A

Mounting aid for VariKont and -M1K-

**Dimensions**



**Technical Data**

**General specifications**

Switching element function	DC	NO/NC
Rated operating distance	$s_n$	15 mm
Installation		non-flush
Output polarity		DC
Assured operating distance	$s_a$	0 ... 12.15 mm
Reduction factor $r_{Al}$		0.38
Reduction factor $r_{Cu}$		0.36
Reduction factor $r_{304}$		0.7

**Nominal ratings**

Operating voltage	$U_B$	5 ... 60 V DC
Switching frequency	$f$	0 ... 150 Hz
Hysteresis	H	1 ... 10 typ. 4 %
Reverse polarity protected		tolerant
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 5$ V
Operating current	$I_L$	2 ... 200 mA
Lowest operating current	$I_m$	2 mA
Off-state current	$I_r$	0 ... 1 mA typ. 0.7 mA
Indication of the switching state		LED, yellow
Pre-fault indication		LED, red

**Ambient conditions**

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 90 °C (-40 ... 194 °F)

**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

**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
CCC approval	Certified by China Compulsory Certification (CCC)

Release date: 2012-05-04 09:25 Date of issue: 2012-05-04 028681\_eng.xml