



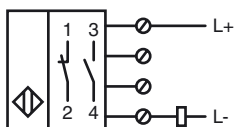
Model Number

NCN15-M1K-Z2

Features

- 15 mm non-flush
- 2-wire DC

Connection

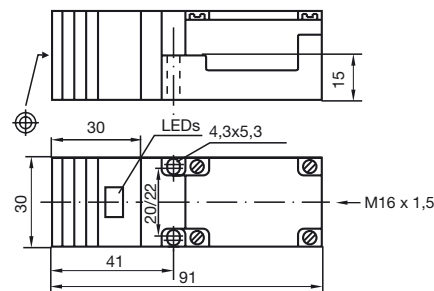


Accessories

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	≤ 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	≤ 2.5 mm ²
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)