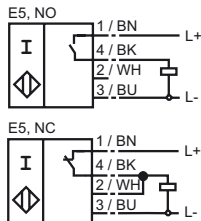
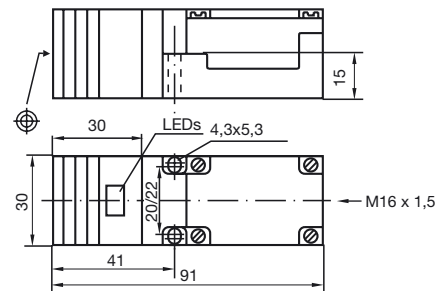


**Model Number**

NCN15-M1M-E5

Features

- Comfort series
- 15 mm not embeddable

Connection**Dimensions****Technical Data****General specifications**

Switching element function	PNPMake/Brake function
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_{Al}	0.38
Reduction factor r_{Cu}	0.36
Reduction factor r_{V2A}	0.7

Nominal ratings

Operating voltage	U_B	10 ... 60 V
Switching frequency	f	0 ... 500 Hz
Hysteresis	H	1 ... 10 typ. 4 %
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.5 mA typ. 0.1 μ A at 25 °C
No-load supply current	I_0	≤ 14 mA
Operating voltage display		LED, green
Indication of the switching state		LED, yellow

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 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

Approvals and certificates

CCC approval	Certified by China Compulsory Certification (CCC)
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