

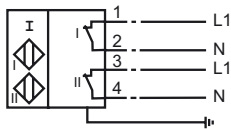


### Model Number

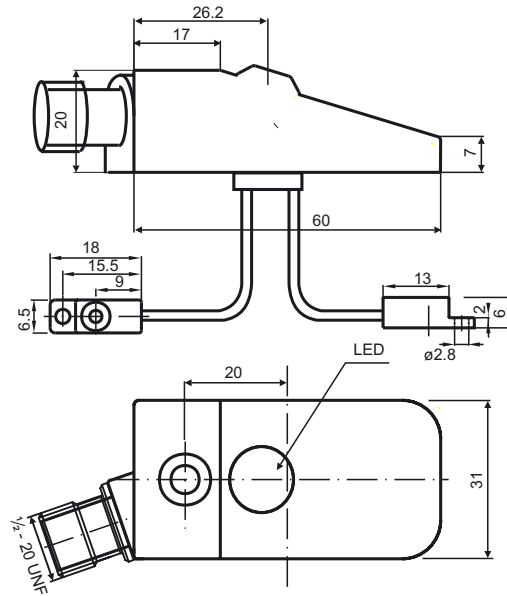
NCN2-F48A-U8-V125

### Connection

U8



## Dimensions



## Technical Data

### General specifications

Switching element function	---
Rated operating distance	$s_n$ 2 mm
Installation	not embeddable
Assured operating distance	$s_a$ 0 ... 1.62 mm
Reduction factor $r_{Al}$	0.4
Reduction factor $r_{Cu}$	0.3
Reduction factor $r_{V2A}$	0.85

### Nominal ratings

Operating voltage	$U_B$ 20 ... 253 V
Operating voltage DC	20 ... 300 V
Switching frequency	$f$ 0 ... 25 Hz
Hysteresis	$H$ typ. 3 %
Short-circuit protection	pulsing
Voltage drop	$U_d$ $\leq$ 5 V
Momentary current (20 ms, 0.1 Hz)	0 ... 2000 mA
Operating current	$I_L$ 5 ... 200 mA
Off-state current	$I_r$ 0 ... 2.5 mA typ. 1.5 mA
Constant magnetic field	$B$ 100 mT
Alternating magnetic field	$B$ 150 mT
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 (-13 ... 158 °F)
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### Mechanical specifications

Connection type	Device connector 1/2"-20 UN
Housing material	PBT
Sensing face	PBT
Protection degree	IP67