



CE

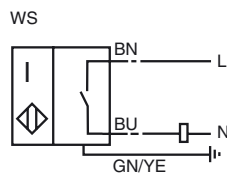
### Model Number

NCN4-12GM50-WS-10M

### Features

- Comfort series
- 4 mm not embeddable

### Connection



### Accessories

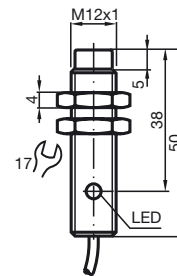
#### EXG-12

Mounting aid

#### BF 12

Mounting flange

## Dimensions



## Technical Data

### General specifications

Switching element function	AC	Make function
Rated operating distance	$s_n$	4 mm
Installation		not embeddable
Output polarity		AC
Assured operating distance	$s_a$	0 ... 3.24 mm
Reduction factor $r_{Al}$		0.45
Reduction factor $r_{Cu}$		0.4
Reduction factor $r_{V2A}$		0.8

### Nominal ratings

Operating voltage	$U_B$	20 ... 253 V
Switching frequency	$f$	0 ... 25 Hz
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	$I_r$	typ. 0.7 mA
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)
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### Mechanical specifications

Connection type	10 m, PVC cable
Core cross-section	0.34 mm <sup>2</sup>
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67