



**Model Number**

NCB2-12GM50-WS-V11

**Features**

- Comfort series
- 2 mm flush

**Accessories**

BF 12  
Mounting flange, 12 mm

**Technical Data**

**General specifications**

Switching element function		AC	NO
Rated operating distance	$s_n$	2 mm	
Installation		flush	
Output polarity		AC	
Assured operating distance	$s_a$	0 ... 1.62 mm	
Reduction factor $r_{Al}$		0.15	
Reduction factor $r_{Cu}$		0.1	
Reduction factor $r_{304}$		0.65	

**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
Time delay before availability	$t_v$	$\leq 80$ ms
Switching state indicator		LED, yellow

**Standard conformity**

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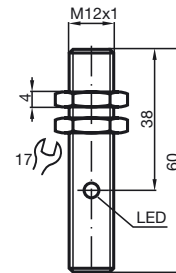
**Ambient conditions**

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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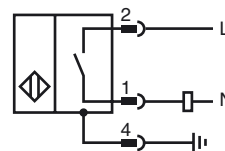
**Mechanical specifications**

Housing material	Stainless steel
Sensing face	PBT
Degree of protection	IP67

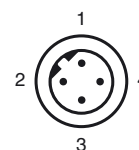
**Dimensions**



**Electrical Connection**



**Pinout**



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Wire colors

1		BU	(blue)
2		BN	(brown)
4		GN/YE	(green/yellow)

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