



Model Number

NCB1,5-8GM25-N0-V1

Features

- Comfort series
- 1.5 mm flush

Technical Data

General specifications

Switching element function		NAMUR, NC
Rated operating distance	s_n	1.5 mm
Installation		flush
Output polarity		NAMUR
Assured operating distance	s_a	0 ... 1.215 mm
Reduction factor r_{Al}		0.22
Reduction factor r_{Cu}		0.19
Reduction factor r_{304}		0.65

Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 5000 Hz
Hysteresis	H	1 ... 10 typ. 3 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		yes
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA
Switching state indicator		Multihole-LED, yellow

Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:2004; NE 21
Standards	DIN EN 60947-5-6 (NAMUR)

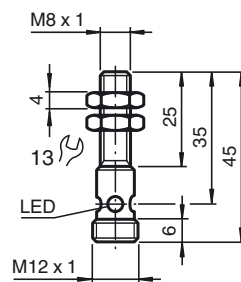
Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
Storage temperature	-40 ... 100 °C (-40 ... 212 °F)

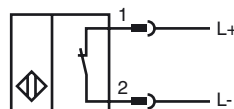
Mechanical specifications

Housing material	Stainless steel
Sensing face	PBT
Degree of protection	IP67

Dimensions



Electrical Connection



Wire colors in accordance with EN 60947-5-6

1	BN	(brown)
2	BU	(blue)



ATEX

Data for Ex areas

Effective internal inductivity	C _i	≤ 71 nF
Effective internal inductance	L _i	≤ 50 µH

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