



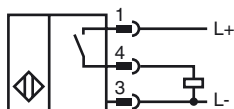
Model Number

NCB2-8GM30-E2-V1

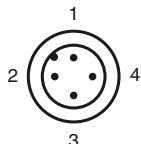
Features

- 2 mm embeddable

Connection



Pinout



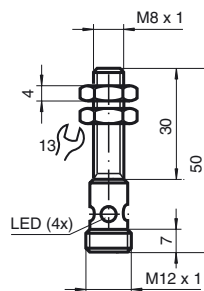
Wire colors in accordance with EN 60947-5-2

- 1 | BN
- 2 | WH
- 3 | BU
- 4 | BK

Accessories

- V1-W**
Field attachable female cordset
- V1-G**
Field attachable female cordset
- V1-G-2M-PUR**
Cable socket, M12, 4-pin, PUR cable
- V1-W-2M-PUR**
Cable socket, M12, 4-pin, PUR cable

Dimensions



Technical Data

General specifications		
Switching element function	PNP	NO
Rated operating distance	s_n	2 mm
Installation		embeddable
Output polarity		DC
Assured operating distance	s_a	0 ... 1.62 mm
Nominal ratings		
Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 3000 Hz
Hysteresis	H	$\leq 10\%$
Reverse polarity protected		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	≤ 10 mA
Indication of the switching state		Multihole-LED, yellow
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		Device connector M12 x 1, 4-pin
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		PBT
Protection degree		IP67
Mass		69 g
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		Products with a maximum operating voltage of ≤ 36 V do not bear a CCC marking because they do not require approval.

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