

Model Number

CCB10-30GM80-N1

Features

- Comfort series
- 10 mm flush
- The switching distance can be set over a wide range with the potentiometer

Technical Data

General specifications

Switching element function		NAMUR, NC
Rated operating distance	s_n	10 mm
Installation		flush
Output polarity		NAMUR
Assured operating distance	s_a	0 ... 8.1 mm

Nominal ratings

Nominal voltage	U_o	8 V
Operating voltage	U_B	5.9 ... 22.7 V
Switching frequency	f	0 ... 10 Hz
Reverse polarity protection		reverse polarity protected

Current consumption

Measuring plate not detected	\leq	1 mA
Measuring plate detected	\geq	3 mA
Switching state indicator		LED, yellow

Standard conformity

EMC in accordance with		IEC / EN 60947-5-2:1999
Standards		DIN EN 60947-5-6 (NAMUR)

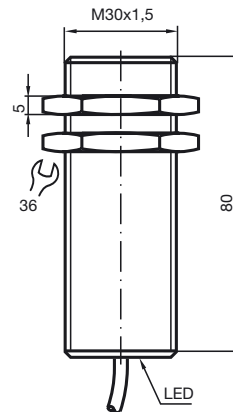
Ambient conditions

Ambient temperature		-20 ... 70 °C (-4 ... 158 °F)
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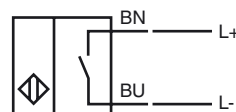
Mechanical specifications

Core cross-section		0.75 mm ²
Housing material		Stainless steel
Sensing face		PBT
Degree of protection		IP67

Dimensions



Electrical Connection



ATEX

Data for Ex areas

Effective internal inductivity	C_i	$\leq 182 \text{ nF}$
Effective internal inductance	L_i	$\leq 3 \mu\text{H}$

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