



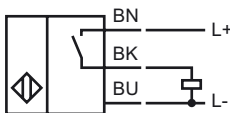
### Model Number

CBB4-12GH70-E2

### Features

- 4 mm embeddable
- Operating distance adjustable via potentiometer
- Suitable for foodstuff conditions
- Resistant against aggressive media

### Connection

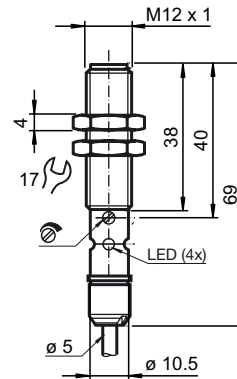


### Accessories

#### BF 12

Mounting flange, 12 mm

### Dimensions



### Technical Data

#### General specifications

Switching element function	PNP	NO
Rated operating distance	$s_n$	4 mm
Installation		embeddable
Output polarity		DC
Assured operating distance	$s_a$	0 ... 2.88 mm

#### Nominal ratings

##### Installation conditions

A	0 mm
B	0 mm
C	15 mm
F	15 mm
Operating voltage	$U_B$ 10 ... 36 V DC
Switching frequency	$f$ 0 ... 50 Hz
Reverse polarity protected	reverse polarity protected
Short-circuit protection	pulsing
Voltage drop	$U_d$ $\leq$ 2.5 V
Operating current	$I_L$ 0 ... 100 mA
No-load supply current	$I_0$ $\leq$ 12 mA
Indication of the switching state	LED, yellow

#### Indicators/operating means

Potentiometer	sensitivity adjustment
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#### Ambient conditions

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

Connection type	cable PUR, 2 m
Core cross-section	0.34 mm <sup>2</sup>
Housing material	Stainless steel 1.4404 / AISI 316L
Sensing face	PEEK
Protection degree	IP65

#### Compliance with standards and directives

##### Standard conformity

Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007
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#### Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose

Installation conditions

