



CE

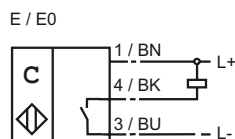
### Model Number

CJ4-12GM-E

### Features

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

### Connection



### Accessories

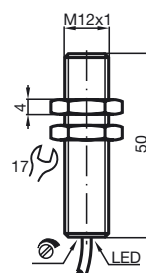
#### BF 12

Mounting flange

#### EXG-12

Mounting aid

## Dimensions



## Technical Data

### General specifications

Switching element function		NPN Make function
Rated operating distance	$s_n$	4 mm
Installation		embeddable
Output polarity		DC
Assured operating distance	$s_a$	0 ... 2.88 mm

### Nominal ratings

Operating voltage	$U_B$	10 ... 35 V
Switching frequency	$f$	0 ... 100 Hz
Reverse polarity protection		protected against reverse polarity
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 3$ V
Operating current	$I_L$	0 ... 200 mA
No-load supply current	$I_0$	$\leq 20$ mA
Indication of the switching state		LED, yellow

### Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:1999
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### Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
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### Mechanical specifications

Connection type	2 m, PUR cable
Core cross-section	0.14 mm <sup>2</sup>
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP65