

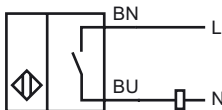
## Model Number

CJ10-30GK-WS

## Features

- 10 mm not embeddable
- The switching distance can be set over a wide range with the potentiometer

## Connection

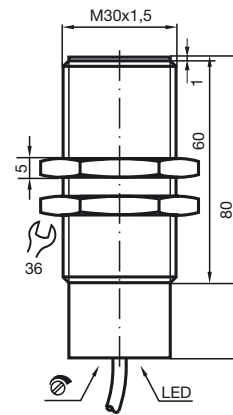


## Accessories

### BF 30

Mounting flange, 30 mm

## Dimensions



## Technical Data

### General specifications

Switching element function	AC	NO
Rated operating distance	$s_n$	10 mm
Installation		not embeddable
Output polarity		AC
Assured operating distance	$s_a$	0 ... 7.2 mm

### Nominal ratings

#### Installation conditions

A	18 mm
B	10 mm
C	20 mm
F	60 mm

Operating voltage	$U_B$	20 ... 253 V AC <sup>1)</sup>
Switching frequency	$f$	0 ... 10 Hz
Hysteresis	H	2 ... 10 typ. 5 %
Reverse polarity protected		tolerant
Momentary current (20 ms, 0.1 Hz)		0 ... 1200 mA
Rated insulation voltage	$U_{BIS}$	1500 V
Operating current	$I_L$	5 ... 200 mA
Lowest operating current	$I_m$	5 mA
Off-state current	$I_r$	0.7 ... 1.5 mA typ.
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)
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)

### Mechanical specifications

Connection type	cable PVC , 2 m
Core cross-section	0.75 mm <sup>2</sup>
Housing material	PBT
Sensing face	PBT
Protection degree	IP67
Note	<sup>1)</sup> In the temperature range below 0 °C, permissible operating voltage $U_B$ 80...253 V

Safety fuse  $\leq 0.8$  A (quick-blow) according to IEC 60127-2 Sheet 1  
Recommendation: after a short circuit, check that the device is functioning correctly.

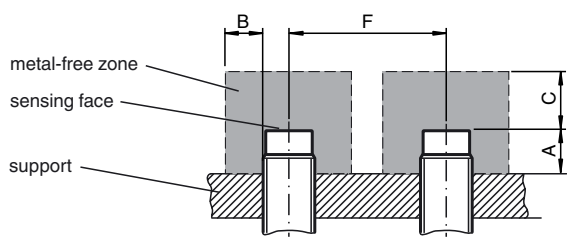
### Compliance with standards and directives

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	Certified by China Compulsory Certification (CCC)

Installation conditions



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