

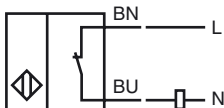
**Model Number**

CJ10-30GK-WO

**Features**

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

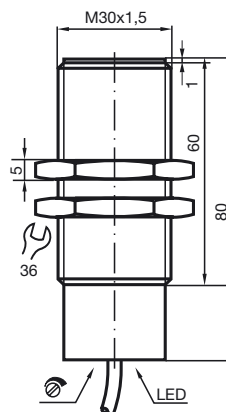
**Connection**



**Accessories**

**BF 30**  
Mounting flange, 30 mm

**Dimensions**



**Technical Data**

**General specifications**

Switching element function	AC	NC
Rated operating distance	$s_n$	10 mm
Installation	non-flush	
Output polarity	AC	
Assured operating distance	$s_a$	0 ... 7.2 mm

**Nominal ratings**

<b>Installation conditions</b>		
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**

<b>Standard conformity</b>	
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)

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Installation conditions

