



### Model Number

CJ10-30GM-WS

### Features

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

### Accessories

BF 30

Mounting flange, 30 mm

## Technical Data

### General specifications

Switching function	Normally open (NO)
Output type	Two-wire
Rated operating distance	$s_n$ 10 mm
Installation	non-flush
Output polarity	AC
Assured operating distance	$s_a$ 0 ... 7.2 mm
Output type	2-wire

### Nominal ratings

Installation conditions	
A	0 mm
B	0 mm
C	30 mm
F	50 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 protection	reverse polarity tolerant
Voltage drop at $I_L$	
Voltage drop $I_L = 100$ mA, switching element on $U_d$	typ. 7 V
Momentary current (20 ms, 0.1 Hz)	0 ... 1200 mA
Rated insulation voltage	$U_{BIS}$ 1500 V
Design data	
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.
Time delay before availability	$t_v$ ≤ 300 ms
Switching state indicator	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	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Degree of protection	IP67
Note	<sup>1)</sup> In the temperature range below 0 °C, permissible operating voltage $U_b$ 80 ... 253 V Safety fuse ≤ 0.8 A (quick-blow) according to IEC 60127-2 Sheet 1 Recommendation: after a short circuit, check that the device is functioning correctly.

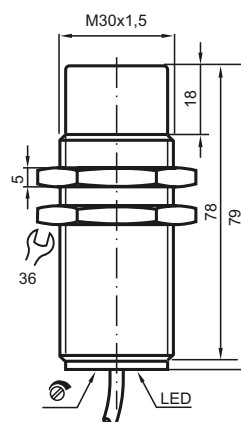
### Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012

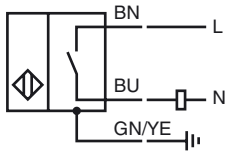
### Approvals and certificates

UL approval	cULus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)

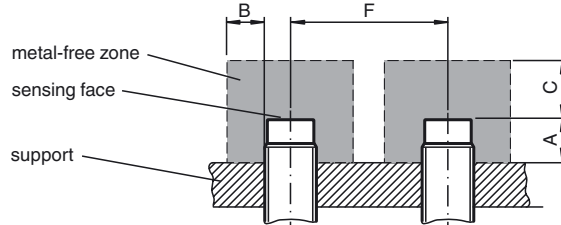
## Dimensions



Electrical Connection



Installation Conditions



Release date: 2018-10-09 11:02 Date of issue: 2018-10-09 037645\_eng.xml