



**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**

<b>Installation conditions</b>	
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
<b>Design data</b>	
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.

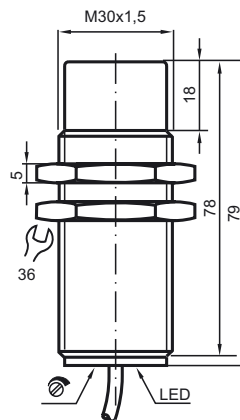
**Compliance with standards and directives**

<b>Standard conformity</b>	
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**

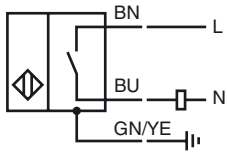
UL approval	cULus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)

**Dimensions**

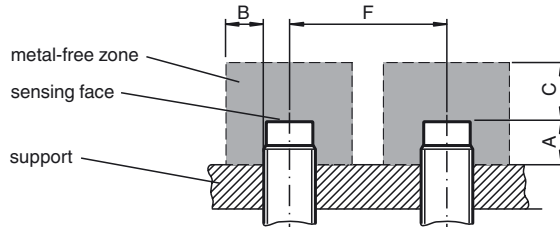


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**Electrical Connection**



**Installation Conditions**



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