

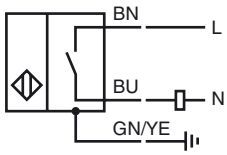
Model Number

CJ10-30GM-WS

Features

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

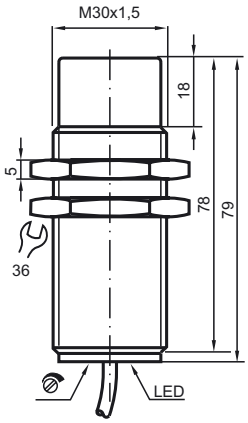
Connection



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		0 mm
B		0 mm
C		30 mm
F		50 mm
Operating voltage	U_B	20 ... 253 V AC [1]
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
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^2
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		PBT
Protection degree		IP67
Note		[1] 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 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)

Release date: 2011-08-02 15:41 Date of issue: 2011-08-02 037645_eng.xml

Subject to modifications without notice
Copyright Pepperl+Fuchs