



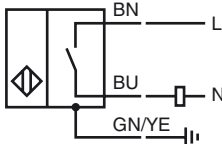
Model Number

CJ10-30GM-WS

Features

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

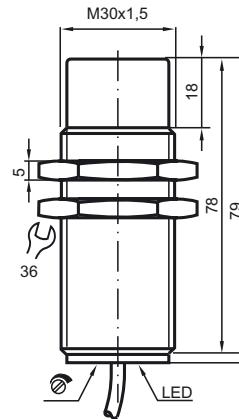
Connection



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 \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)	

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