



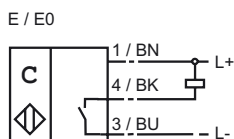
Model Number

CJ10-30GM-E

Features

- Comfort series
- 10 mm embeddable
- The switching distance can be set over a wide range with the potentiometer

Connection

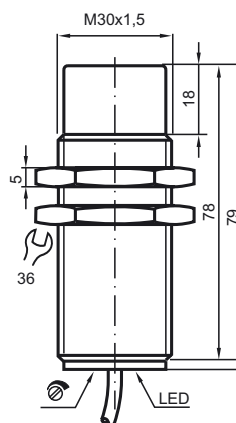


Accessories

BF 30

Mounting flange

Dimensions



Technical Data

General specifications

Switching element function	NPN Make function
Rated operating distance	s_n 10 mm
Installation	embeddable
Output polarity	DC
Assured operating distance	s_a 0 ... 7.2 mm

Nominal ratings

Mounting conditions

A	0 mm
B	0 mm
C	30 mm
F	50 mm

Operating voltage	U_B 10 ... 60 V
Switching frequency	f 0 ... 10 Hz
Hysteresis	H 0.1 ... 10 typ. 4 %
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop	U_d \leq 2.8 V
Operating current	I_L 0 ... 200 mA
Off-state current	I_r 0 ... 0.5 mA typ. 0.01 mA
No-load supply current	I_0 \leq 20 mA
Indication of the switching state	LED, yellow

Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:1999
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Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)

Mechanical specifications

Connection type	2 m, PVC cable
Core cross-section	0.75 mm ²
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67

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