



Model Number

CJ8-18GM-E2

Features

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

Accessories

- BF 18**
Mounting flange, 18 mm
- EXG-18**
Quick mounting bracket with dead stop

Technical Data

General specifications

Switching element function		PNP	NO
Rated operating distance	s_n	8 mm	
Installation		flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 5.76 mm	

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	0 ... 100 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 300 mA
No-load supply current	I_0	≤ 20 mA

Indicators/operating means

LED yellow	indication switching state
Potentiometer	sensitivity adjustment

Ambient conditions

Ambient temperature	-30 ... 70 °C (-22 ... 158 °F)
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Mechanical specifications

Connection type	cable PVC , 2 m
Core cross-section	0.25 mm ²
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Degree of protection	IP67

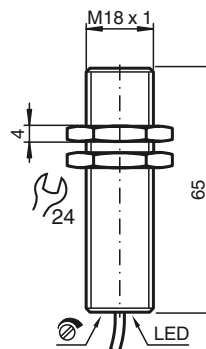
Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

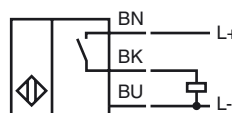
Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤ 36 V

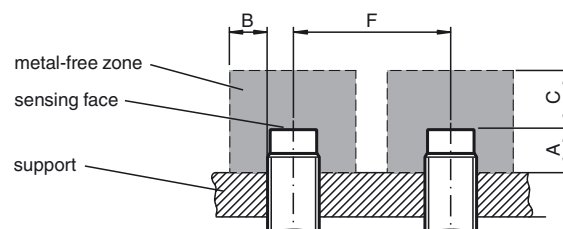
Dimensions



Electrical Connection



Installation Conditions



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