



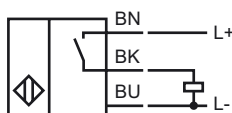
### Model Number

CJ8-18GM-E2

### Features

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

### Connection



### Accessories

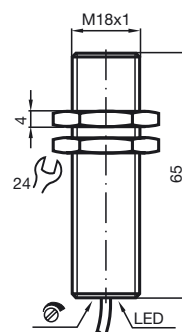
#### BF 18

Mounting flange, 18 mm

#### EXG-18

Quick mounting bracket with dead stop

### Dimensions



### Technical Data

#### General specifications

Switching element function		PNP	NO
Rated operating distance	$s_n$	8 mm	
Installation		embeddable	
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 protected		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 3$ V
Operating current	$I_L$	0 ... 300 mA
No-load supply current	$I_0$	$\leq 20$ mA

#### Indicators/operating means

LED yellow	indication switching state
Potentiometer	sensitivity adjustment

#### Ambient conditions

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

#### Mechanical specifications

Connection type	cable PVC , 2 m
Core cross-section	0.25 mm <sup>2</sup>
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Protection degree	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	Products with a maximum operating voltage of $\leq 36$ V do not bear a CCC marking because they do not require approval.