



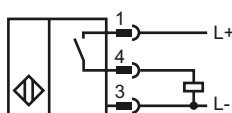
## Model Number

CJ8-18GM-E2-V1

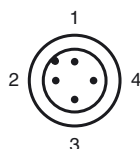
## Features

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

## Connection



## Pinout



Wire colors in accordance with EN 60947-5-2

1	BN
2	WH
3	BU
4	BK

## Accessories

### BF 18

Mounting flange

### V1-W-2M-PUR

Cable connector

### V1-G-2M-PUR

Cable connector

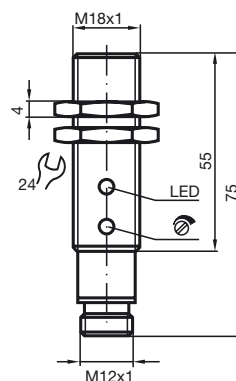
### V1-W

Field attachable female cordset

### V1-G

Field attachable female cordset

## Dimensions



## Technical Data

### General specifications

Switching element function	PNP	Make function
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 ... 36 V DC
Switching frequency	$f$	0 ... 100 Hz
Reverse polarity protection		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	$I_0$	$\leq 10$ mA
Indication of the switching state		LED, yellow

### Ambient conditions

Ambient temperature	-30 ... 70 °C (243 ... 343 K)
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### Mechanical specifications

Connection type	Device connector M12 x 1 , 4-pin
Housing material	brass
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