

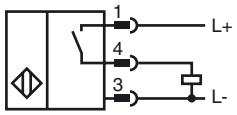
Model Number

CBB8-18GS75-E2-V1

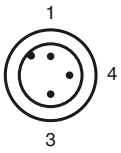
Features

- **8 mm flush**
- **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	(brown)
3	BU	(blue)
4	BK	(black)

Accessories

BF 18
Mounting flange, 18 mm

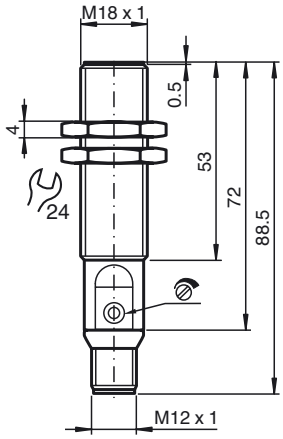
V1-W-2M-PUR
Female cordset, M12, 4-pin, PUR cable

V1-G-2M-PUR
Female cordset, M12, 4-pin, PUR cable

V1-W
Female connector, M12, 4-pin, field attachable

V1-G
Female connector, M12, 4-pin, field attachable

Dimensions



Technical Data

General specifications		
Switching element function		PNP NO
Rated operating distance	s_n	1 ... 8 mm
Installation		flush
Output polarity		DC
Nominal ratings		
Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 100 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 1.5 V
Temperature drift		max. 20 % at -5 ... 55 °C (23 ... 131 °F)
Operating current	I_L	0 ... 100 mA
No-load supply current	I_0	≤ 18 mA
Time delay before availability	t_v	≤ 300 ms
Indicators/operating means		
LED green		Operating display
LED yellow		indication switching state
Potentiometer		sensitivity adjustment
Ambient conditions		
Ambient temperature		-25 ... 85 °C (-13 ... 185 °F)
Mechanical specifications		
Connection type		Connector M12 x 1 , 3-pin
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
CCC approval		CCC approval / marking not required for products rated ≤36 V

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