

Technical Data

*For detailed data and product description refer to the data sheets at **www.pepperl-fuchs.com***

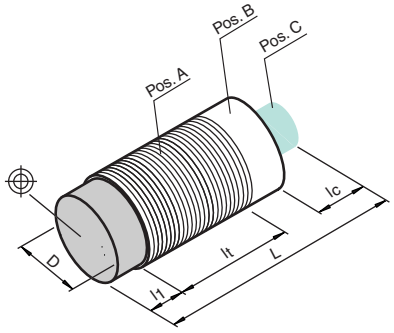
General Data	
Installation	flush
Switching element function	NO/NC programmable
Output polarity	AS-Interface
Slave type	A/B slave
AS-Interface specification	V3.0
Operating voltage	26.5 ... 31.9 V via AS-i bus system
No-load supply current	≤ 25 mA
Reverse polarity protection	✔
Indication of the switching state	dual-LED, yellow
Fault indication	dual-LED, red
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Protection degree	IP67
Connection type	Device connector M12 x 1 , 4-pin



Model Number		NCB4-12GM60-B3B-V1	NCB5-18GM60-B3B-V1	NBB8-18GM60-B3B-V1	NBB15-30GM60-B3B-V1
Rated operating distance	4 mm	●			
	5 mm		●		
	8 mm			●	
	15 mm				●
Switching frequency	0 ... 100 Hz		●		
	0 ... 200 Hz			●	●
	0 ... 500 Hz	●			
Housing material	Stainless steel 1.4305 / AISI 303	●	●		
	brass, nickel-plated			●	●
Approvals and Certificates					
UL approval	cULus Listed, General Purpose	●	●	●	●
CSA approval	cCSAus Listed, General Purpose	●	●	●	●
CCC approval	Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.				
Dimensions					
Length L [mm]		75	70	75	
Diameter D [mm]		12	18		30
Thread length l_t [mm]		60	44	60	
Cap length l_1 [mm]			0		
Connector area l_c [mm]		15	10	15	
LED position		Pos. B		Pos. C	

Properties

- Ø12 mm, Ø18 mm and Ø30 mm housing versions
- 4 mm, 5 mm, 8 mm and 15 mm flush mountable versions
- AS interface
- Connector version



Accessories

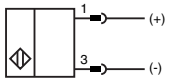
This and more accessories can be found in chapter 10
See pages from 974 ... for cordsets
See pages 1074 ... for mounting aids

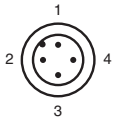
BF 12, BF 18, BF 30	Mounting flange
EXG-12, EXG-18, EXG-30	Quick mounting bracket with dead stop
V1-G-BK0,3M-PUR-U-V1-G	Connection cable, M12 to M12, PUR cable, 4-pin
V1-G	4-pin, M12 female field-attachable connector
V1-G-BK1M-PUR-U-V1-G	Connection cable, M12 to M12, PUR cable, 4-pin
V1-W	4-pin, M12 female field-attachable connector

Electrical Connection



NCB4-12GM60-B3B-V1
NCB5-18GM60-B3B-V1
NBB8-18GM60-B3B-V1
NBB15-30GM60-B3B-V1





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Consider the General Notes on the Information in the Pepperl+Fuchs Product Catalogs
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