

Technical Data

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

General Data	
Rated operating distance	1.5 mm
Installation	flush
Operating voltage	10 ... 60 V DC
No-load supply current	≤ 10 mA
Reverse polarity protection	✔
Switching frequency	0 ... 1500 Hz
Operating current	0 ... 200 mA
Short-circuit protection	pulsing
Operating pressure	350 bar (507.6 psi)
Ambient temperature	-35 ... 80 °C (-31 ... 176 °F)
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	Epoxy (black)
Protection degree	IP67

Model Number			NCB1,5-18GM60-E2-D	NCB1,5-18GM60-E3-D	NCB1,5-18GM60-E2-D-V1
Switching element function	PNP	NO	●		●
	PNP	NC		●	
Connection type	Device connector M12 x 1 , 4-pin				●
	cable PVC , 2 m		●	●	

Approvals and Certificates				
UL approval	cULus Listed, General Purpose	●	●	●
CSA approval	cCSAus Listed, General Purpose	●	●	●
CCC approval	Certified by China Compulsory Certification (CCC)	●	●	●

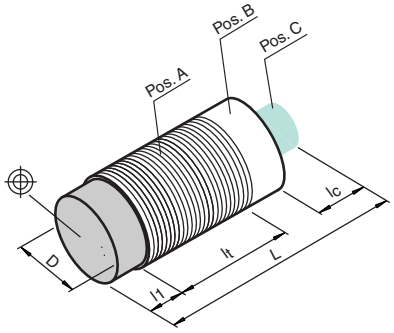
Dimensions			
Length L [mm]	57	57	69
Diameter D [mm]		18	
Thread length l_t [mm]	41	41	44
Cap length l_1 [mm]		15	
Connector area l_c [mm]	0	0	10
LED position		-	

Properties

- Ø18 mm housing
- 1.5 mm, flush mountable
- DC, 3-wire switching output
- Cable and connector versions

Your Benefit

- For high pressure applications



Accessories

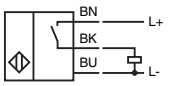
This and more accessories can be found in chapter 10
See pages from 974 ... for cordsets
See pages 1074 ... for mounting aids

V1-G	4-pin, M12 female field-attachable connector
V1-W	4-pin, M12 female field-attachable connector
V1-G-2M-PUR	Cable socket, M12, 4-pin, PUR cable
V1-W-2M-PUR	Cable socket, M12, 4-pin, PUR cable

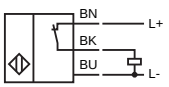
Electrical Connection



NCB1,5-18GM60-E2-D

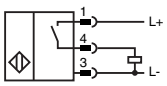


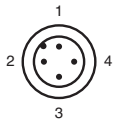
NCB1,5-18GM60-E3-D





NCB1,5-18GM60-E2-D-V1





Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

Date of issue: 07/30/2012

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