

Technical Data

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

General Data	
Rated operating distance	25 mm
Installation	non-flush
Operating voltage	20 ... 250 V AC/20 ... 300 V DC
Reverse polarity protection	tolerant
Switching frequency	30 Hz
Operating current	4 ... 500 mA AC/DC
Short-circuit protection	✔
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Housing material	brass, nickel-plated
Protection degree	IP67

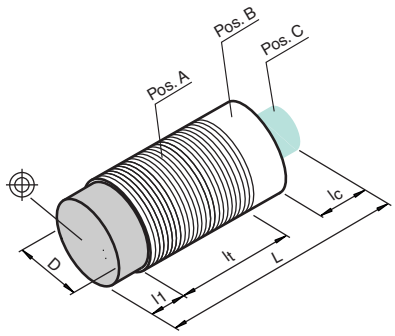
Model Number			NBN25-30GM50-US	NBN25-30GM50-UO	NBN25-30GM50-US-V12	NBN25-30GM50-UO-V12	NBN25-30GM50-US-V93	NBN25-30GM50-UO-V93
Switching element function	AC/DC	NO	●		●		●	
		NC		●		●		●
Type of voltage	UC		●					
Connection type	Device connector 1/2"-20 UN , 3-pin				●			
	Device connector 7/8"-16 UN , 3-pin						●	●
	Device connector M12 x 1 , 3-pin					●		
	cable PUR , 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]	51	60	65
Diameter D [mm]		30	
Thread length l_t [mm]		32	
Cap length l_1 [mm]		18	
Connector area l_c [mm]	0	10	15
LED position		Pos. B	

Properties

- Ø30 mm housing
- 25 mm, non-flush mountable
- AC/DC, 2-wire switching output
- Cable and connector versions



Accessories

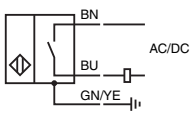
This and more accessories can be found in chapter 10
See pages from 974 ... for cordsets
See pages 1074 ... for mounting aids

BF 30	Mounting flange, 30 mm

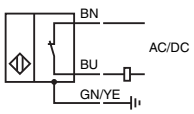
Electrical Connection



NBN25-30GM50-US

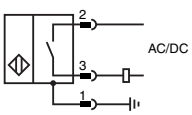


NBN25-30GM50-UO

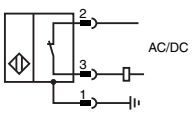




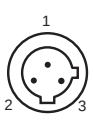
NBN25-30GM50-US-V93
NBN25-30GM50-US-V12



NBN25-30GM50-UO-V93
NBN25-30GM50-UO-V12

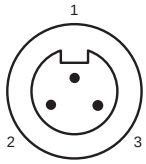


V12



Wire colors		
1	GN	(green)
2	RD/BK	(red/black)
3	RD/WH	(red/white)

V93



Wire colors		
1	GN	(green)
2	BK	(black)
3	WH	(white)

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