

Properties

- Flexible *VariKont* housing
- 20 mm, flush and 40 mm non-flush mountable versions
- AS interface
- Terminal compartment

Your Benefit

- All-around visible status display
- Sensor head can be aligned in 5 different positions

Technical Data

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

General Data	
Switching element function	NO/NC programmable
Slave type	A/B slave
AS-Interface specification	V3.0
Required master specification	≥ V2.1
Operating voltage	26.5 ... 31.9 V via AS-i bus system
No-load supply current	≤ 25 mA
Reverse polarity protection	✔
Switching frequency	0 ... 150 Hz
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Fault indication	LED, red
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Housing material	PA/metal with epoxy powder coating
Housing base	plastic
Protection degree	IP68 / IP69K
Connection type	screw terminals

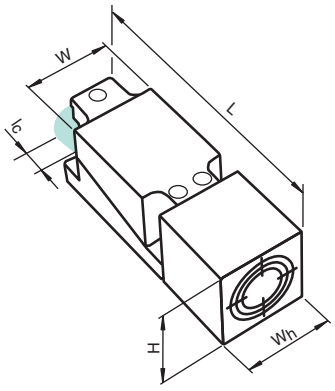


Model Number		NBB20-U1-B3B	NBN40-U1-B3B
Rated operating distance	20 mm	●	
	40 mm		●
Installation	flush	●	
	non-flush		●
Approvals and Certificates			
UL approval	cULus Listed, General Purpose	●	●
CSA approval	cCSAus Listed, General Purpose	●	●
CCC approval	Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.		
Dimensions			
Length L [mm]		118	
Width W [mm]		40	
Height H [mm]		40	
Connector area l_c [mm]		0 (M20 x 1.5)	

Accessories

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

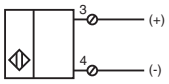
V1-M20-80	Receptacles, M12/M20; plastic version
MHW 01	Modular mounting bracket



Electrical Connection



NBB20-U1-B3B
NBN40-U1-B3B



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