

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
Reverse polarity protection	✔
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
Protection degree	IP69K
Connection type	Device connector M12 x 1 , 4-pin



Model Number		NBB20-L2-B3B-V1	NBN40-L2-B3B-V1
Rated operating distance	20 mm	●	
	40 mm		●
Installation	flush	●	
	non-flush		●
No-load supply current	≤ 25 mA		●
	≤ 40 mA	●	
Switching frequency	0 ... 150 Hz	●	
	0 ... 50 Hz		●
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]	67
Width W [mm]	40
Height H [mm]	40
Connector area l_c [mm]	0

Properties

- Flexible *VariKont*-L housing
- 20 mm, flush and 40 mm non-flush mountable versions
- AS interface
- Connector version

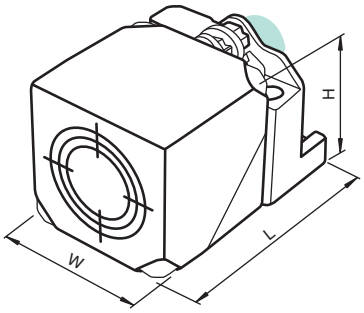
Your Benefit

- All-around visible status display
- Sensor head can be aligned in 5 different positions
- Mounting base with quick clamping lever for swift mounting
- Rotatable connector allows all orientations of the attached cordset

Accessories

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

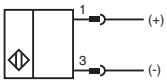
V1-G	4-pin, M12 female field-attachable connector
V1-W	4-pin, M12 female field-attachable connector
V1-G-2M-PUR	Cable socket, M12, 4-pin, PUR cable
V1-W-2M-PUR	Cable socket, M12, 4-pin, PUR cable
MHW 01	Modular mounting bracket
MH 02-L	Mounting aid

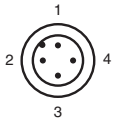


Electrical Connection



NBB20-L2-B3B-V1
NBN40-L2-B3B-V1





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