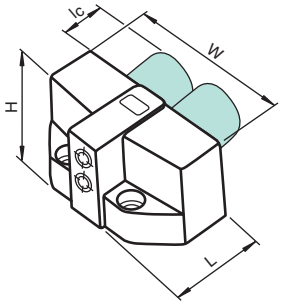


Properties

- F31 housing
- 3 mm, flush mountable
- AS interface
- Cable and connector versions

Your Benefit

- LED indicators for switching state and valve output
- Direct mounting without additional mounting aids on NAMUR bore holes 30 x 80 and 30 x 130



Technical Data

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

General Data	
Rated operating distance	3 mm
Installation	flush mountable
Switching element function	programmable
Operating voltage	26.5 ... 31.9 V via AS-i bus system
Switching frequency	0 ... 100 Hz
LED PWR	AS-Interface voltage; LED green
LED IN	switching state (input); LED yellow
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Protection degree	IP67
Connection (system side)	connector M12 x 1, 4-pin



Model Number		NCN3-F31-B3B-V1	NCN3-F31-B3B-V1-K	NCN3-F31-B3B-V1-V1
LED OUT	binary LED yellow/red yellow: switching state red: lead breakage/short-circuit		●	●
Connection (valve side)	0.5 m, PVC cable		●	
	socket connector , M12 x 1 , 4-pin			●
				
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]			36	
Width W [mm]			65	
Height H [mm]			33.5	
Connector area l_c [mm]		10	12	15

Accessories

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

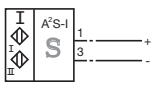
BT65A	Activator for F31 series
BT65X	Activator for F31 series
BT115A	Activator for F31 series
BT115X	Activator for F31 series
BT65B	Activator for F31 series
BT115B	Activator for F31 series
V1-W-2M-PUR	Cable socket, M12, 4-pin, PUR cable
V1-G-2M-PUR	Cable socket, M12, 4-pin, PUR cable
V1-G	4-pin, M12 female field-attachable connector

Electrical Connection

NCN3-F31-B3B-V1



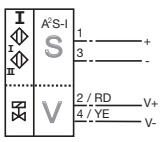
B3B-V1



NCN3-F31-B3B-V1-K



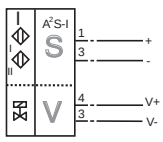
B3B-V1-K

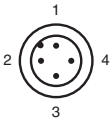


NCN3-F31-B3B-V1-V1



B3B-V1-V1-Y





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Consider the General Notes on the Information in the Pepperl+Fuchs Product Catalogs
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Pepperl+Fuchs Group www.pepperl-fuchs.com
USA: +1 330 486 0001 fa-info@us.pepperl-fuchs.com
Germany: +49 621 776-4411 fa-info@de.pepperl-fuchs.com
Singapore: +65 6779 9091 fa-info@sg.pepperl-fuchs.com
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