

Technical Data

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

Model Number	NCN3-F31K-B3B-B31
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
LED OUT	binary LED yellow/red yellow: switching state red: lead breakage/short-circuit
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Housing material	PBT
Protection degree	IP67
Connection (system side)	screw terminals
Connection (valve side)	screw terminals
	

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]	77.5
Width W [mm]	65
Height H [mm]	35
Connector area l_c1 [mm]	10
Connector area l_c2 [mm]	10

Properties

- **F31K housing**
- **3 mm, flush mountable**
- **AS interface**
- **Terminal compartment**

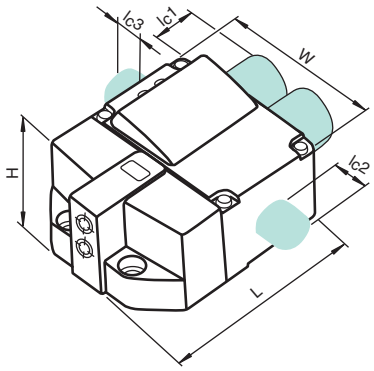
Your Benefit

- **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**

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

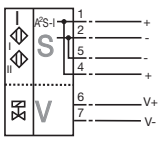


Electrical Connection



NCN3-F31K-B3B-B31

B3B-V1-K



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