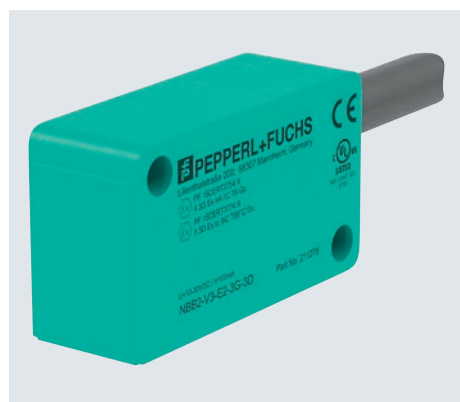


Inductive Cubic Standard Sensors

V3 Series



Common Technical Data

Type of voltage	DC
Housing length L	16 mm
Housing width W	27.8 mm
Housing height H	10.2 mm

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

Model Number	Mechanical Installation Conditions	Detection Range	Type of Output	Switching Element Function	Switching Frequency	UB (Min)	UB (Max)	Connection Type	Cable Length	Cable Material	CCC	UL
NBB2-V3-E0	flush	2 mm	NPN	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	130 mm	PVC		■
NBB2-V3-E0-V5	flush	2 mm	NPN	Normally-open (NO)	1000 Hz	10 V	30 V	Faston connector plug				■
NBB2-V3-E2	flush	2 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	130 mm	PVC		■
NBB2-V3-E2-10M	flush	2 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	10,000 mm	PVC		■
NBB2-V3-E2-1M	flush	2 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	1000 mm	PVC		■
NBB2-V3-E2-5M	flush	2 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	5000 mm	PVC		■
NBB2-V3-E2-V3	flush	2 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	M8 connector plug				■
NBB2-V3-E2-V5	flush	2 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	Faston connector plug				■
NBB2-V3-E3	flush	2 mm	PNP	Normally-closed (NC)	1000 Hz	10 V	30 V	Fixed cable	130 mm	PVC		■
NBB2-V3-E3-V3	flush	2 mm	PNP	Normally-closed (NC)	1000 Hz	10 V	30 V	M8 connector plug				■
NBB2-V3-E3-V5	flush	2 mm	PNP	Normally-closed (NC)	1000 Hz	10 V	30 V	Faston connector plug				■
NBB3-V3-E0	flush	3 mm	NPN	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBB3-V3-E0-V3	flush	3 mm	NPN	Normally-open (NO)	1000 Hz	10 V	30 V	M8 connector plug				
NBB3-V3-E1	flush	3 mm	NPN	Normally-closed (NC)	1000 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBB3-V3-E1-V3	flush	3 mm	NPN	Normally-closed (NC)	1000 Hz	10 V	30 V	M8 connector plug				
NBB3-V3-E2	flush	3 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBB3-V3-E2-2M	flush	3 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	Fixed cable	2000 mm	PVC		
NBB3-V3-E2-V3	flush	3 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	M8 connector plug				
NBB3-V3-E3	flush	3 mm	PNP	Normally-closed (NC)	1000 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBB3-V3-E3-V3	flush	3 mm	PNP	Normally-closed (NC)	1000 Hz	10 V	30 V	M8 connector plug				
NBN4-V3-E0	nonflush	4 mm	NPN	Normally-open (NO)	500 Hz	10 V	30 V	Fixed cable	130 mm	PVC		■
NBN4-V3-E2	nonflush	4 mm	PNP	Normally-open (NO)	500 Hz	10 V	30 V	Fixed cable	130 mm	PVC		■
NBN6-V3-E0	nonflush	6 mm	NPN	Normally-open (NO)	500 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBN6-V3-E0-V3	nonflush	6 mm	NPN	Normally-open (NO)	1000 Hz	10 V	30 V	M8 connector plug				
NBN6-V3-E1	nonflush	6 mm	NPN	Normally-closed (NC)	500 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBN6-V3-E1-V3	nonflush	6 mm	NPN	Normally-closed (NC)	1000 Hz	10 V	30 V	M8 connector plug				
NBN6-V3-E2	nonflush	6 mm	PNP	Normally-open (NO)	500 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBN6-V3-E2-V3	nonflush	6 mm	PNP	Normally-open (NO)	1000 Hz	10 V	30 V	M8 connector plug				
NBN6-V3-E3	nonflush	6 mm	PNP	Normally-closed (NC)	500 Hz	10 V	30 V	Fixed cable	130 mm	PVC		
NBN6-V3-E3-V3	nonflush	6 mm	PNP	Normally-closed (NC)	1000 Hz	10 V	30 V	M8 connector plug				
NBB3-V3-Z4	flush	3 mm	Two-wire	Normally-open (NO)	2000 Hz	5 V	60 V	Fixed cable	130 mm	PVC	■	■
NBB3-V3-Z5	flush	3 mm	Two-wire	Normally-closed (NC)	2000 Hz	5 V	60 V	Fixed cable	130 mm	PVC	■	■

Accessories

V3-WM-2M-PUR	Single-ended female cordset, M8, angled, A-coded, 3-pin, PUR cable, gray
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