

V3 Series



Standard Technical Data

Voltage type	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	Type of installation	Detection range [mm]	Output type	Output type	Switching function	Switching Frequency [Hz]	UB (min)	UB (max)	Connection type	Cable length [mm]	Cable material	CCC	CSA	EAC	UL
NBB2-V3-E0	Flush	2	3-wire	NPN	Normally-open (NO)	1000	10	30	Fixed cable	130	PVC	■			■
NBB2-V3-E0-V5	Flush	2	3-wire	NPN	Normally-open (NO)	1000	10	30	Faston connector plug				■		■
NBB2-V3-E1-V5	Flush	2	3-wire	NPN	Normally-closed (NC)	1000	10	30	Faston connector plug				■		■
NBB2-V3-E2	Flush	2	3-wire	PNP	Normally-open (NO)	1000	10	30	Fixed cable	130	PVC		■	■	■
NBB2-V3-E2-10M	Flush	2	3-wire	PNP	Normally-open (NO)	1000	10	30	Fixed cable	10000	PVC		■		■
NBB2-V3-E2-V3	Flush	2	3-wire	PNP	Normally-open (NO)	1000	10	30	M8 connector plug						■
NBB2-V3-E2-V5	Flush	2	3-wire	PNP	Normally-open (NO)	1000	10	30	Faston connector plug				■		■
NBB2-V3-E3	Flush	2	3-wire	PNP	Normally-closed (NC)	1000	10	30	Fixed cable	130	PVC			■	■
NBB2-V3-E3-V3	Flush	2	3-wire	PNP	Normally-closed (NC)	1000	10	30	M8 connector plug						■
NBB2-V3-E3-V5	Flush	2	3-wire	PNP	Normally-closed (NC)	1000	10	30	Faston connector plug					■	■
NBB2-V3-Z4L	Flush	2	2-wire	2-wire	Normally-open (NO)	700	3.7	30	Fixed cable	130	PVC				
NBB3-V3-E0	Flush	3	3-wire	NPN	Normally-open (NO)	1000	10	30	Fixed cable	130	PVC				
NBB3-V3-E0-V3	Flush	3	3-wire	NPN	Normally-open (NO)	1000	10	30	M8 connector plug						
NBB3-V3-E1	Flush	3	3-wire	NPN	Normally-closed (NC)	1000	10	30	Fixed cable	130	PVC				
NBB3-V3-E1-V3	Flush	3	3-wire	NPN	Normally-closed (NC)	1000	10	30	M8 connector plug						
NBB3-V3-E2	Flush	3	3-wire	PNP	Normally-open (NO)	1000	10	30	Fixed cable	130	PVC				
NBB3-V3-E2-2M	Flush	3	3-wire	PNP	Normally-open (NO)	1000	10	30	Fixed cable	2000	PVC				
NBB3-V3-E2-V3	Flush	3	3-wire	PNP	Normally-open (NO)	1000	10	30	M8 connector plug						
NBB3-V3-E3	Flush	3	3-wire	PNP	Normally-closed (NC)	1000	10	30	Fixed cable	130	PVC				
NBB3-V3-E3-V3	Flush	3	3-wire	PNP	Normally-closed (NC)	1000	10	30	M8 connector plug						
NBB3-V3-Z4	Flush	3	2-wire	2-wire	Normally-open (NO)	2000	5	60	Fixed cable	130	PVC	■	■		■
NBB3-V3-Z4-2M	Flush	3	2-wire	2-wire	Normally-open (NO)	2000	5	60	Fixed cable	2000	PVC	■	■		■
NBB3-V3-Z4-V5	Flush	3	2-wire	2-wire	Normally-open (NO)	2000	5	60	Faston connector plug			■	■		■
NBB3-V3-Z5	Flush	3	2-wire	2-wire	Normally-closed (NC)	2000	5	60	Fixed cable	130	PVC	■	■		■
NBB3-V3-Z5-V5	Flush	3	2-wire	2-wire	Normally-closed (NC)	2000	5	60	Faston connector plug			■	■		■
NBN4-V3-E0	Non-flush	4	3-wire	NPN	Normally-open (NO)	500	10	30	Fixed cable	130	PVC		■		■
NBN4-V3-E2	Non-flush	4	3-wire	PNP	Normally-open (NO)	500	10	30	Fixed cable	130	PVC		■		■
NBN6-V3-E0	Non-flush	6	3-wire	NPN	Normally-open (NO)	500	10	30	Fixed cable	130	PVC				
NBN6-V3-E0-V3	Non-flush	6	3-wire	NPN	Normally-open (NO)	1000	10	30	M8 connector plug						
NBN6-V3-E1	Non-flush	6	3-wire	NPN	Normally-closed (NC)	500	10	30	Fixed cable	130	PVC				
NBN6-V3-E1-V3	Non-flush	6	3-wire	NPN	Normally-closed (NC)	1000	10	30	M8 connector plug						
NBN6-V3-E2	Non-flush	6	3-wire	PNP	Normally-open (NO)	500	10	30	Fixed cable	130	PVC				
NBN6-V3-E2-V3	Non-flush	6	3-wire	PNP	Normally-open (NO)	1000	10	30	M8 connector plug						
NBN6-V3-E3	Non-flush	6	3-wire	PNP	Normally-closed (NC)	500	10	30	Fixed cable	130	PVC				
NBN6-V3-E3-V3	Non-flush	6	3-wire	PNP	Normally-closed (NC)	1000	10	30	M8 connector plug						