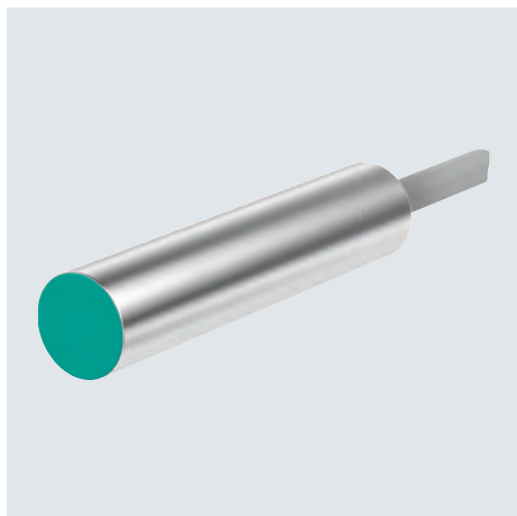


D6.5 Series – With Cable Connection



Standard Technical Data

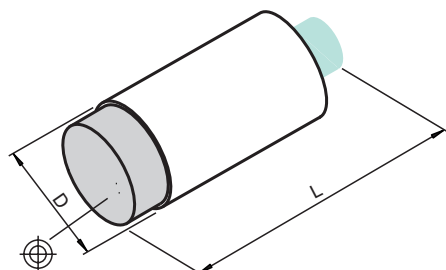
Special features	Extended temperature range
Output type	3-wire
Voltage type	DC
Operating voltage (min)	5 V
Operating voltage (max)	30 V
Connection type	Fixed cable
Housing diameter D	6.5 mm
UL	■

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	Switching function	Switching frequency [Hz]	Cable length [mm]	Cable material	Length L
NBB2-6,5M30-E0	Flush	2	NPN	Normally-open (NO)	6000	2000	PVC	30
NBB2-6,5M30-E2	Flush	2	PNP	Normally-open (NO)	6000	2000	PVC	30
NBB2-6,5M30M-E2-5M	Flush	2	PNP	Normally-open (NO)	6000	5000	PVC	30
NBB2-6,5S16-E0	Flush	2	NPN	Normally-open (NO)	6000	2000	PVC	16
NBB2-6,5S16-E2	Flush	2	PNP	Normally-open (NO)	6000	2000	PVC	16
NBB2-6,5S16-E3	Flush	2	PNP	Normally-closed (NC)	6000	2000	PVC	16
NBB2-6,5S35-E0-PUR	Flush	2	NPN	Normally-open (NO)	6000	2000	PUR	35
NBB2-6,5S35-E2-PUR	Flush	2	PNP	Normally-open (NO)	6000	2000	PUR	35
NBB2-6,5S40-E0-PUR	Flush	2	NPN	Normally-open (NO)	6000	2000	PUR	40
NBB2-6,5S40-E2-5M-PUR	Flush	2	PNP	Normally-open (NO)	6000	5000	PUR	40
NBB2-6,5S40-E2-PUR	Flush	2	PNP	Normally-open (NO)	6000	2000	PUR	40
NBB2-6,5S40-E3-PUR	Flush	2	PNP	Normally-closed (NC)	6000	2000	PUR	40
NBB2-6,5S50-E0-PUR	Flush	2	NPN	Normally-open (NO)	6000	2000	PUR	50
NBB2-6,5S50-E2-PUR	Flush	2	PNP	Normally-open (NO)	6000	2000	PUR	50
NBN3-6,5M30-E0	Non-flush	3	NPN	Normally-open (NO)	4500	2000	PVC	30
NBN3-6,5M30-E2	Non-flush	3	PNP	Normally-open (NO)	4500	2000	PVC	30
NBN3-6,5S40-E0-PUR	Non-flush	3	NPN	Normally-open (NO)	4500	2000	PUR	40
NBN3-6,5S40-E2-PUR	Non-flush	3	PNP	Normally-open (NO)	4500	2000	PUR	40
NEB3-6,5M40-E0-PUR	Semi-flush	3	NPN	Normally-open (NO)	3500	2000	PUR	40
NEB3-6,5M40-E1-PUR	Semi-flush	3	NPN	Normally-closed (NC)	3500	2000	PUR	40
NEB3-6,5M40-E2-PUR	Semi-flush	3	PNP	Normally-open (NO)	3500	2000	PUR	40
NEB3-6,5M40-E3-PUR	Semi-flush	3	PNP	Normally-closed (NC)	3500	2000	PUR	40
NEN6-6,5M40-E0-PUR	Non-flush	6	NPN	Normally-open (NO)	1500	2000	PUR	40
NEN6-6,5M40-E1-PUR	Non-flush	6	NPN	Normally-closed (NC)	1500	2000	PUR	40
NEN6-6,5M40-E2-PUR	Non-flush	6	PNP	Normally-open (NO)	1500	2000	PUR	40
NEN6-6,5M40-E3-PUR	Non-flush	6	PNP	Normally-closed (NC)	1500	2000	PUR	40

Accessories

BF 6.5	Mounting adapter, 6.5 mm
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D6.5 Series – With Plug Connection



Standard Technical Data

Special features	Extended temperature range
Output type	3-wire
Voltage type	DC
Operating voltage (min)	5 V
Operating voltage (max)	30 V
Housing diameter D	6.5 mm
UL	■

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	Switching function	Switching frequency [Hz]	Connection type	Cable length [mm]	Cable material	Length L
NBB2-6,5M25-E0-V3	Flush	2	NPN	Normally-open (NO)	6000	M8 connector plug			35
NBB2-6,5M25-E1-V3	Flush	2	NPN	Normally-closed (NC)	6000	M8 connector plug			35
NBB2-6,5M25-E2-V3	Flush	2	PNP	Normally-open (NO)	6000	M8 connector plug			35
NBB2-6,5M25-E3-V3	Flush	2	PNP	Normally-closed (NC)	6000	M8 connector plug			35
NBB2-6,5M30-E0-0,15M-PUR-V3	Flush	2	NPN	Normally-open (NO)	6000	Fixed cable with M8 plug	150	PUR	30
NBB2-6,5M30-E2-0,15M-PUR-V3	Flush	2	PNP	Normally-open (NO)	6000	Fixed cable with M8 plug	150	PUR	30
NBB2-6,5S16-E2-0,3M-V3	Flush	2	PNP	Normally-open (NO)	6000	Fixed cable with M8 plug	300	PVC	16
NBB2-6,5S20-E2-V3	Flush	2	PNP	Normally-open (NO)	6000	M8 connector plug			30
NBB2-6,5S20-E3-V3	Flush	2	PNP	Normally-closed (NC)	6000	M8 connector plug			30
NBB2-6,5S35-E0-V3	Flush	2	NPN	Normally-open (NO)	6000	M8 connector plug			45
NBB2-6,5S35-E1-V3	Flush	2	NPN	Normally-closed (NC)	6000	M8 connector plug			45
NBB2-6,5S35-E2-0,3M-V3	Flush	2	PNP	Normally-open (NO)	6000	Fixed cable with M8 plug	300	PVC	35
NBB2-6,5S35-E2-V3	Flush	2	PNP	Normally-open (NO)	6000	M8 connector plug			45
NBB2-6,5S35-E3-V3	Flush	2	PNP	Normally-closed (NC)	6000	M8 connector plug			45
NBN3-6,5M25-E0-V3	Non-flush	3	NPN	Normally-open (NO)	4500	M8 connector plug			35
NBN3-6,5M25-E1-V3	Non-flush	3	NPN	Normally-closed (NC)	4500	M8 connector plug			35
NBN3-6,5M25-E2-V3	Non-flush	3	PNP	Normally-open (NO)	4500	M8 connector plug			35
NBN3-6,5M30-E0-0,3M-V3	Non-flush	3	NPN	Normally-open (NO)	4500	Fixed cable with M8 plug	300	PVC	30
NEB3-6,5M40-E0-V1	Semi-flush	3	NPN	Normally-open (NO)	3500	M12 connector plug			65
NEB3-6,5M40-E1-V1	Semi-flush	3	NPN	Normally-closed (NC)	3500	M12 connector plug			65
NEB3-6,5M40-E2-V1	Semi-flush	3	PNP	Normally-open (NO)	3500	M12 connector plug			65
NEB3-6,5M40-E3-V1	Semi-flush	3	PNP	Normally-closed (NC)	3500	M12 connector plug			65
NEB3-6,5M45-E0-V3	Semi-flush	3	NPN	Normally-open (NO)	3500	M8 connector plug			55
NEB3-6,5M45-E1-V3	Semi-flush	3	NPN	Normally-closed (NC)	3500	M8 connector plug			55
NEB3-6,5M45-E2-V3	Semi-flush	3	PNP	Normally-open (NO)	3500	M8 connector plug			55
NEB3-6,5M45-E3-V3	Semi-flush	3	PNP	Normally-closed (NC)	3500	M8 connector plug			55
NEN6-6,5M40-E0-V1	Non-flush	6	NPN	Normally-open (NO)	1500	M12 connector plug			65
NEN6-6,5M40-E1-V1	Non-flush	6	NPN	Normally-closed (NC)	1500	M12 connector plug			65
NEN6-6,5M40-E2-V1	Non-flush	6	PNP	Normally-open (NO)	1500	M12 connector plug			65
NEN6-6,5M40-E3-V1	Non-flush	6	PNP	Normally-closed (NC)	1500	M12 connector plug			65
NEN6-6,5M45-E0-V3	Non-flush	6	NPN	Normally-open (NO)	1500	M8 connector plug			55
NEN6-6,5M45-E1-V3	Non-flush	6	NPN	Normally-closed (NC)	1500	M8 connector plug			55
NEN6-6,5M45-E2-V3	Non-flush	6	PNP	Normally-open (NO)	1500	M8 connector plug			55
NEN6-6,5M45-E3-V3	Non-flush	6	PNP	Normally-closed (NC)	1500	M8 connector plug			55