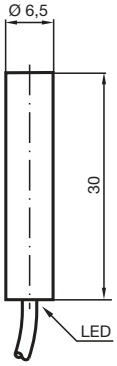
Inductive proximity switches — NBB2-6,5M30-E2

Basic series with elevated switching distance

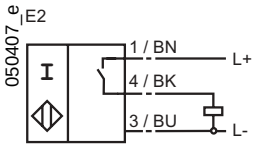
2 mm embeddable



CE

Switching element function	PNP Make function
Installation	embeddable
Rated operating distance s_n	2 mm
Assured operating distance s_a	0 ... 1.62 mm
Reduction factor r_{V2A}	0.75
Reduction factor r_{Al}	0.45
Reduction factor r_{Cu}	0.4
Operating voltage U_B	10 ... 30 V
Operating current I_L	0 ... 100 mA
Switching frequency f	0 ... 3000 Hz
No-load supply current I_0	≤ 15 mA
Off-state current I_r	≤ 0.5 mA
Voltage drop U_d	≤ 3 V
Short circuit protection	pulsing
Polarity reversal protected	yes
Indication of the switching state	LED, yellow
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Protection degree	IP67
Connection type	2 m, PVC-cable
Core cross-section	0.14 mm²
Housing material	brass, nickel plated
Sensing face	PBT
Standard conformity	EN 60947-5-2

Connection



06.11.2001

www.pepperl-fuchs.com
PEPPERL+FUCHS GmbH