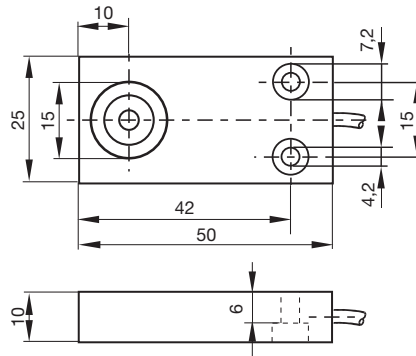


Basic series

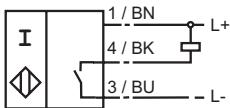
5 mm embeddable



Switching element function	NPN	Make function
Rated operating distance s_n	5 mm	
Installation	embeddable	
Assured operating distance s_a	0 ... 4,05 mm	
Reduction factor r_{AI}	0,3	
Reduction factor r_{Cu}	0,2	
Reduction factor r_{V2A}	0,6	
Operating voltage U_B	10 ... 30 V	
Switching frequency f	0 ... 500 Hz	
Hysteresis H	typ. 5 %	
Reverse polarity protection	yes	
Short circuit protection	pulsing	
Voltage drop U_d	≤ 3 V	
Operating current I_L	0 ... 200 mA	
Off-state current I_r	0 ... 0,5 mA typ.	
No-load supply current I_0	≤ 15 mA	
Standards	EN 60947-5-2	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)	
Connection type	2 m, PVC cable	
Core cross-section	0.34 mm ²	
Housing material	PBT	
Sensing face	PBT	
Protection degree	IP67	

Connection_type:

E / E0



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2003-03-25