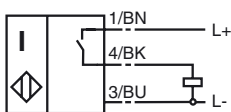




General specifications	
Switching element function	PNP Make function
Rated operating distance s_n	8 mm
Installation	not embeddable
Output polarity	switched high
Assured operating distance s_a	0 ... 6.48 mm
Reduction factor r_{AI}	0.42
Reduction factor r_{Cu}	0.4
Reduction factor r_{V2A}	0.72
Nominal ratings	
Mounting conditions	
A	10 mm
B	54 mm
C	24 mm
Operating voltage U_B	10 ... 60 V
Switching frequency f	0 ... 1000 Hz
Hysteresis H	1 ... 15 typ. 7.5 %
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop U_d	≤ 3 V
Design data	
Operating current I_L	0 ... 200 mA
Off-state current I_r	0 ... 0.5 mA typ. 0.01 mA
No-load supply current I_0	≤ 9 mA
Indication of the switching state	LED, yellow
Standard conformity	
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)
Mechanical specifications	
Connection type	V - connector
Core cross-section	-
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67

Connection type:

E2



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