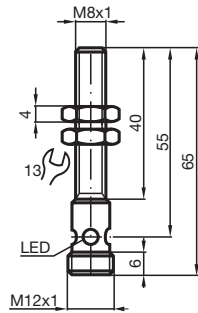
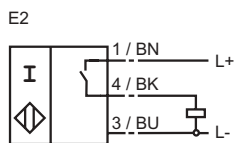


Basic series  
 2 mm embeddable  
 increased operating  
 distance



Switching element function	PNP	Make function
Rated operating distance $s_n$	2 mm	
Installation	embeddable	
Assured operating distance $s_a$	0 ... 1,62 mm	
Reduction factor $r_{Al}$	0,45	
Reduction factor $r_{Cu}$	0,35	
Reduction factor $r_{V2A}$	0,75	
Operating voltage $U_B$	10 ... 30 V	
Switching frequency $f$	0 ... 1500 Hz	
Hysteresis $H$	typ. 5 %	
Reverse polarity protection	Protected against reverse polarity	
Short circuit protection	pulsing	
Voltage drop $U_d$	$\Omega$ 3 V	
Operating current $I_L$	0 ... 100 mA	
Off-state current $I_r$	0 ... 0,5 mA typ.	
No-load supply current $I_0$	$\Omega$ 15 mA	
Indication of the switching state	ring LED, yellow	
Standards	EN 60947-5-2	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)	
Connection type	V1-connector	
Housing material	brass, nickel-plated	
Sensing face	PBT	
Protection degree	IP67	

**Connection\_type:**



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