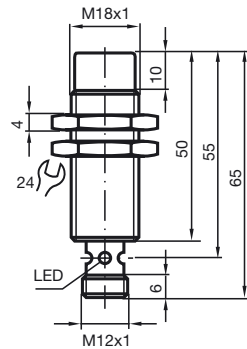
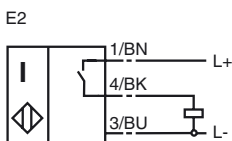


Reduction factor = 1  
 8 mm not embeddable  
 Resistant to welding



General specifications	
Switching element function	PNP Make function
Rated operating distance $s_n$	8 mm
Installation	not embeddable
Output polarity	DC
Assured operating distance $s_a$	0 ... 6.48 mm
Reduction factor $r_{Al}$	1
Reduction factor $r_{Cu}$	1
Reduction factor $r_{V2A}$	1
Reduction factor $r_{St37}$	1
Nominal ratings	
Operating voltage $U_B$	10 ... 30 V
Switching frequency $f$	0 ... 100 Hz
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop $U_d$	$\leq 3$ V
Design data	
Rated insulation voltage $U_{BIS}$	60 V
Operating current $I_L$	0 ... 200 mA
Off-state current $I_r$	0 ... 0.5 mA typ. 0.1 $\mu$ A at 25 °C
No-load supply current $I_0$	$\leq 15$ mA
Constant magnetic field B	200 mT
Alternating magnetic field B	200 mT
Indication of the switching state	Multihole-LED, yellow
Standard conformity	
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Mechanical specifications	
Connection type	V1-connector
Housing material	brass, teflon coated
Sensing face	PPS
Protection degree	IP67
Protection class	II

### Connection type:



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