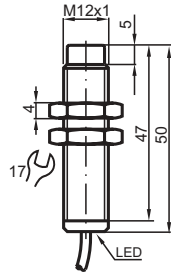


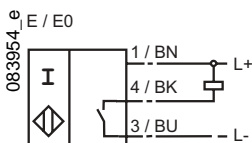
## Basic series

4 mm not embeddable



Switching element function	NPN	Make function
Installation	not embeddable	
Rated operating distance $s_n$	4 mm	
Assured operating distance $s_a$	0 ... 3.24 mm	
Reduction factor $r_{V2A}$	0.8	
Reduction factor $r_{AI}$	0.5	
Reduction factor $r_{Cu}$	0.4	
Operating voltage $U_B$	10 ... 30 V	
Operating current $I_L$	0 ... 200 mA	
Switching frequency $f$	0 ... 1200 Hz	
No-load supply current $I_0$	$\leq 17$ mA	
Off-state current $I_r$	$\leq 0.5$ mA	
Voltage drop $U_d$	$\leq 3$ 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 mm <sup>2</sup>	
Housing material	brass, nickel plated	
Sensing face	PBT	
Standard conformity	EN 60947-5-2	

## Connection



06.11.2001