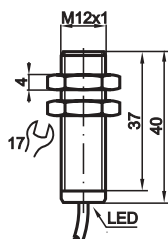


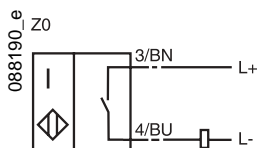
## Basic series

2 mm embeddable



Switching element function	DC	Make function
Installation	embeddable	
Rated operating distance $s_n$	2 mm	
Assured operating distance $s_a$	0 ... 1.62 mm	
Reduction factor $r_{V2A}$	0.67	
Reduction factor $r_{Al}$	0.18	
Reduction factor $r_{Cu}$	0.12	
Operating voltage $U_B$	5 ... 60 V	
Operating current $I_L$	2 ... 100 mA	
Switching frequency $f$	0 ... 1000 Hz	
Off-state current $I_r$	$\leq 0.5$ mA	
Voltage drop $U_d$	$\leq 5$ V	
Short circuit protection	pulsing	
Polarity reversal protected	tolerant	
Indication of the switching state	all direction 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