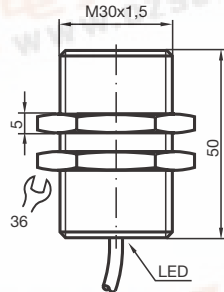


**Inductive proximity switches**

**NBB10-30GM50-Z0**

Basic series

10 mm embeddable



CE

Switching element function	DC	Make function
Installation	embeddable	
Rated operating distance $s_n$	10 mm	
Assured operating distance $s_a$	0 ... 8.1 mm	
Reduction factor $r_{V2A}$	0.7	
Reduction factor $r_{AI}$	0.3	
Reduction factor $r_{Cu}$	0.25	
Operating voltage $U_B$	6 ... 60 V	
Operating current $I_L$	4 ... 100 mA	
Switching frequency $f$	0 ... 700 Hz	
Off-state current $I_r$	$\leq 1$ mA	
Voltage drop $U_d$	$\leq 6$ V	
Short circuit protection	no	
Polarity reversal protected	tolerant	
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	0.34 mm <sup>2</sup>	
Housing material	brass, nickel plated	
Sensing face	PBT	
Note	discontinued model	
Standard conformity	EN 60947-5-2	

**Connection**

