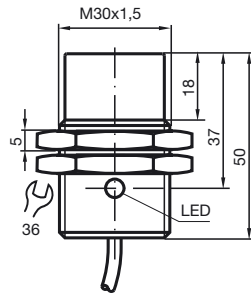


Comfort series
15 mm not embeddable



General specifications	
Switching element function	NPN Make function
Rated operating distance s_n	15 mm
Installation	not embeddable
Assured operating distance s_a	0 ... 12,15 mm
Reduction factor r_{Al}	0,4
Reduction factor r_{Cu}	0,38
Reduction factor r_{V2A}	0,71
Reduction factor r_{Ms}	0,45
Nominal ratings	
Operating voltage U_B	10 ... 60 V
Switching frequency f	0 ... 500 Hz
Hysteresis H	1 ... 15 typ. 5 %
Reverse polarity protection	Protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop U_d	$\leq 2,8$ V
Design data	
Operating current I_L	0 ... 200 mA
Off-state current I_r	0 ... 0,5 mA typ. 0,01 mA
No-load supply current I_0	≤ 9 mA
Indication of the switching state	LED, yellow
Standard conformity	
Standards	EN 60947-5-2
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)
Mechanical specifications	
Connection type	2 m, PVC cable
Core cross-section	0.75 mm ²
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67

Connection type:

E / E0

