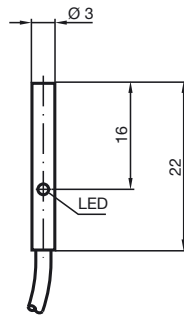


Comfort series  
0.6 mm embeddable



General specifications	
Switching element function	NPN Make function
Rated operating distance $s_n$	0.6 mm
Installation	embeddable
Assured operating distance $s_a$	0 ... 0.486 mm
Reduction factor $r_{AI}$	0.45
Reduction factor $r_{Cu}$	0.4
Reduction factor $r_{V2A}$	0.85
Nominal ratings	
Operating voltage $U_B$	10 ... 30 V
Switching frequency $f$	0 ... 3000 Hz
Hysteresis $H$	typ. 5%
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop $U_d$	$\leq 2$ V
Operating current $I_L$	0 ... 100 mA
Off-state current $I_r$	0 ... 0.1 mA typ. at 25 °C
No-load supply current $I_0$	$\leq 10$ mA
Indication of the switching state	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	2 m, PUR cable
Core cross-section	0.055 mm <sup>2</sup>
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67

### Connection type:

E / E0

