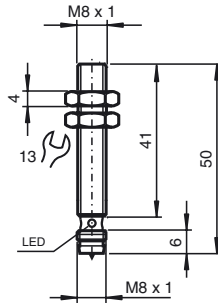


Basic series  
Sensing range 1.5 mm  
3-wire DC



General specifications	
Output	NPN normally open
Sensing range $s_n$	1.5 mm
Installation	embeddable
Assured operating distance $s_a$	0 ... 1.215 mm
Reduction factor $r_{Al}$	0.45
Reduction factor $r_{Cu}$	0.35
Reduction factor $r_{V2A}$	0.7
Nominal ratings	
Supply voltage $U_B$	10 ... 30 V
Switching frequency $f$	0 ... 3000 Hz
Hysteresis $H$	typ. 5 %
Reverse polarity protected	Reverse polarity protected
Short-circuit and overload protection	pulsing
Voltage drop $U_d$	$\leq 1.5$ V
Load current $I_L$	0 ... 100 mA
Leakage current $I_r$	0 ... 0.5 mA typ. 0.1 $\mu$ A at 25 °C
Current consumption $I_0$	$\leq 10$ mA
Indication of the switching state	ring LED, yellow
Standard conformity	
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Operating temperature	-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications	
Connection type	V3-connector
Housing material	Nickel-plated brass
Sensing face	Crastin (PBT)
Protection class	IP67

### Connection type:

E / E0

