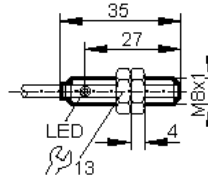


Inductive proximity switches

**IE5072**

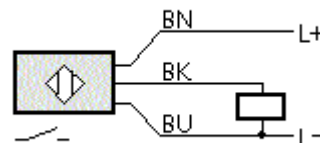
IEB3001-BPOG  
Metal thread M8x1  
Cable

Sensing range 1mm [f]  
flush mountable



<b>Electrical design</b>	<b>DC PNP</b>
<b>Output</b>	<b>normally open</b>
Operating voltage [V]	10...36 DC
Current rating [mA]	200
Short-circuit protection	—
Reverse polarity protection / overload protection	— / —
Voltage drop [V]	< 1
Current consumption [mA]	< 15 (24V)
Real sensing range [mm]	1 ± 10%
Operating distance [mm]	0...0,8
Switch-point drift [% / Sr]	-10...+10
Hysteresis [% / Sr]	1...15
Switching frequency [Hz]	750
Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
Operating temperature [°C]	-25...+80
Protection	IP 67
EMC	EN 60947-5-2; EN 55011 class B
Housing material	brass Optalloy-plated active face: PBTP
Function display Switching status LED	yellow
Connection	PVC cable / 2m; 3 x 0,14mm <sup>2</sup>
Wiring	

Core colours  
BN brown  
BU blue  
BK black



Accessories (included)

2 lock nuts