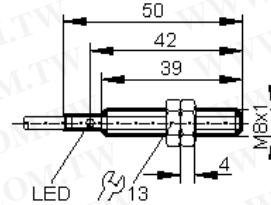


## IE5202

IE-2002-FROG/PPU  
Plastic thread M8x1  
Cable

Sensing range 2mm [nf]  
non-flush mountable

勝特力材料 886-3-5753170  
胜特力电子(上海) 86-21-54151736  
胜特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



<b>Electrical design</b>	<b>DC PNP/NPN</b>
<b>Output</b>	<b>normally open / closed programmable</b>
Operating voltage [V]	5...36 DC
Current rating [mA]	200
Minimum load current [mA]	4
Short-circuit protection	—
Reverse polarity protection / Overload protection	— / —
Voltage drop [V]	< 4,6
Leakage current [mA]	< 0,8
Real sensing range [mm]	2 ± 10%
Operating distance [mm]	0...1,6
Switch-point drift [% / Sr]	-10...+10
Hysteresis [% / Sr]	1...15
Switching frequency [Hz]	2000
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 , III
EMC	EN 60947-5-2; EN 55011 class B
Housing material	Pocan ARNITEL
Function display Switching status LED	yellow
Connection	PUR/PVC cable / 2m; 2 x 0,14mm <sup>2</sup>
Wiring	
Core colours BK black WH white	
Accessories (included)	2 lock nuts