

Capacitive sensors

**KI5002**

KI-3015-BPKG/NI

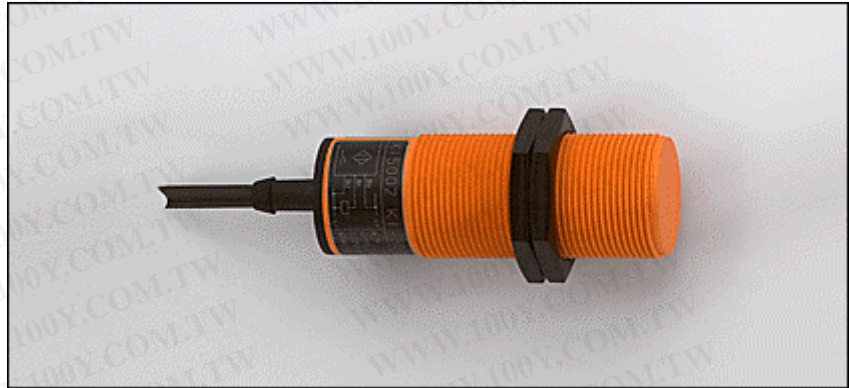
Capacitive sensor

Plastic thread M30 x 1.5

Cable

Increased immunity to conducted radio frequency interference

Sensing range 15mm [nf]  
 adjustable  
 non-flush mountable



Electrical design	DC PNP
Output	normally open
Operating voltage [V]	10...36 DC
Current rating [mA]	250
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop [V]	< 2.5
Current consumption [mA]	< 13 (24 V)
Real sensing range [mm]	15 ± 10 %
Operating distance [mm]	0...12.1
Switch-point drift [% of Sr]	-15...15
Hysteresis [% of Sr]	1...15
Switching frequency [Hz]	40
Correction factors	water = 1 / glass approx. 0.4 / ceramics approx. 0.2 / PVC approx. 0.2

Operating temperature [°C]	-25...70
Protection	IP 65, II
EMC	EN 60947-5-2
Housing material	PBT
Function display	
Switching status LED	yellow
Connection	PVC cable / 2 m; 3 x 0.5 mm <sup>2</sup>
Accessories (included)	2 lock nuts, screwdriver

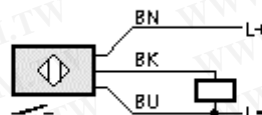
### Wiring

Core colours

BN brown

BU blue

BK black



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