

SIR

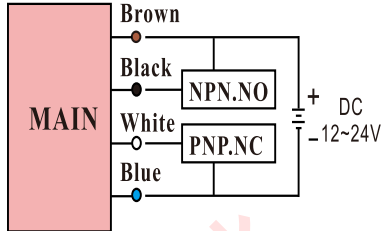
Inductive Ring Sensor

◆ Introduction / 介紹 :

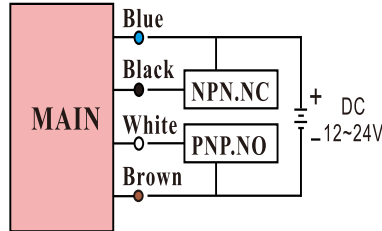
• Output method of KP2 series. / KP2的輸出

SIR□-KP2 includes PNP and NPN two output types. Not only available used on PNP type and NPN type, but also NO/NC switching available. / SIR□-KP2含有PNP與NPN兩種輸出狀態，並且能夠NO/NC切換。

• Forward/ 正向



• Backward/反向



• High brightness dual LED. / 高亮度雙LED燈

The transparent design of rear cover and high brightness dual LED makes you easy to know the current operating situation. / SIR尾蓋為透明狀，並使用高亮度雙LED顯示，能夠讓您在使用的時候容易判斷機體的感應狀況。

• Sensitivity Adjuster / 可調式旋鈕

12-turn Sensitivity Adjuster. Users can adjust the sensitivity more optimum according to different objects. / 可調式旋鈕(12轉)，可依據感測物的大小而有所調整。

Non detecting.

Detecting.



High brightness dual LED.



VR 12-turn Adjuster

• Pre-wired type / Plug-in connector type. 出線式 / 端子式

Pre-wired type or plug-in connector type available. / 有出線式與端子式兩種選擇。

Pre-wired type / 出線式

Plug-in connector / 端子式



◆ Application / 應用例

Detecting metal passing. / 金屬通過檢測

• Metallic wire passing detection. / 鐵線通過檢測



Fiber

Photo Sensor

Area Sensor

Ultrasonic Sensors

Inductive Proximity Sensor

Capacitive Proximity Sensor

Timer / Counter

Others

Accessories

SIR

Inductive Ring Sensor

◆Characteristic / 特點 :

- Suitable for the detection of tiny metal passing.
/ 適合檢測通過的微小金屬
- The pigtailed type connector makes its replacement easy.
/ 有端子式，讓您能夠迅速的更換
- 12-turn Sensitivity Adjuster. Users can adjust the sensitivity more optimum according to different objects.
/ 可調式旋鈕(12轉)，可依據感測物的大小而有所調整
- Dual LED makes you easy to know the current operating situation.
/ 後端雙LED顯示，能夠讓您在使用的時候容易判斷輸出的狀況



◆Specifications / 規格表 :

Model / 型號	Pre-wired Ø4.2	SIR15-KP2	SIR22-KP2	SIR30-KP2
	M12 Pigtailed type	SIR15-KP2K1	SIR22-KP2K1	SIR30-KP2K1
Sensing hole diameter / 檢測孔直徑		D=15mm	D=22mm	D=30mm
Min. detecting object / 最小檢測物		2mm min.	3mm min.	3mm min.
Operating voltage / 工作電壓		DC 12 ~ 24V		
Current consumption / 消耗電流		15 mA		
Load current / 負載電流		100 mA Max at DC 24V		
Output method / 輸出模式		NPN N.O./N.C. PNP NO./NC.		
Operating temperature / 工作溫度範圍		-20°C ~ + 60°C		
Protection degree / 防水等級		IP 66		
Wiring method / 出線方式	SIR-□KP2	Ø4.2 x 2M / 4-wires		
	SIR-□KP2K1	M12 Pigtailed type / M12接頭 15cm電線式		
Weight / 重量	SIR-□KP2	Approx.86g	Approx.85g	Approx.81g
	SIR-□KP2K1	Approx.30g	Approx.29g	Approx.25g

◆Dimensions / 尺寸圖 :

