

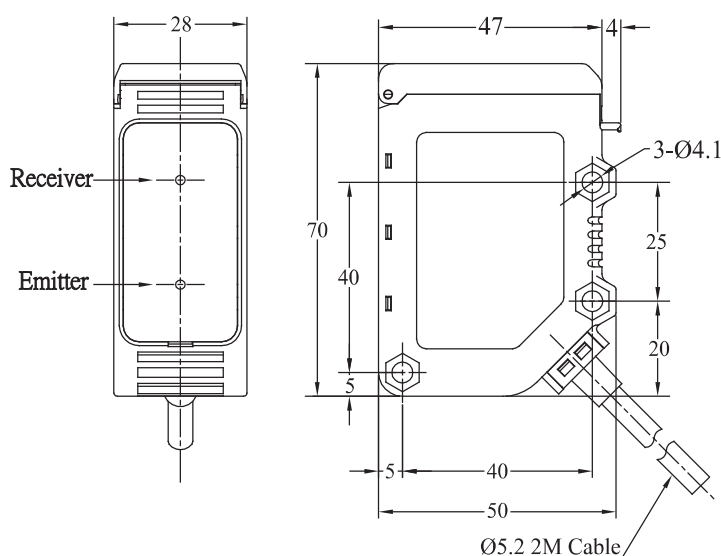
## ◆ Characteristic / 特點：

- Special protective hood against waterdrop and dust.  
/ 專用防塵蓋設計，可防潑水及灰塵。
- Its special design enhances more durable and rigid.  
/ 特別的機構設計，更加堅固耐用。
- Through beam sensing distance 50M. / 長距對照式，檢距50M
- Timer function：On-delay / Off-delay.  
/ 有On-delay與Off-delay計時器功能。

## ◆ Specifications / 規格表：

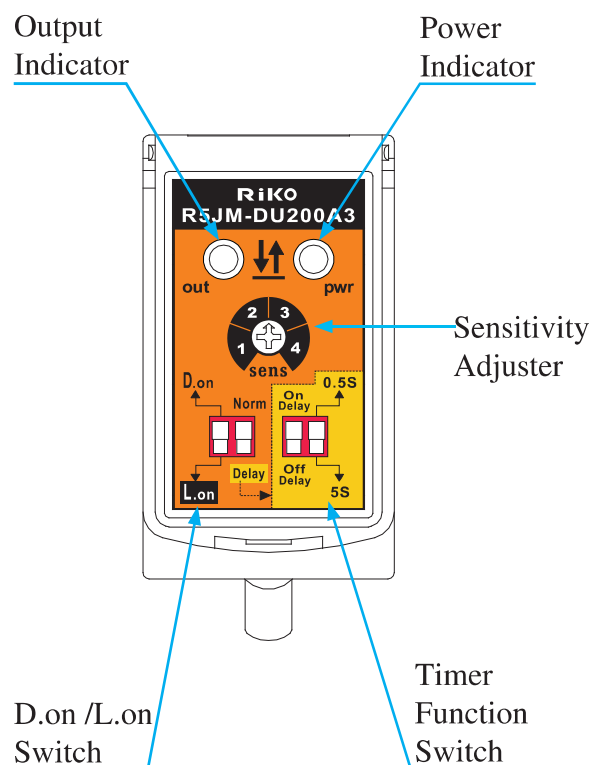
Model / 型號	R5JM-DU200A3	R5JM-50A3
Sensing type / 檢出方式	Diffuse reflection / 擴散反射式	Through beam / 對照式
Sensing distance / 檢出距離	200cm	50m
Emitting light / 發光源	Infrared LED 850nm	
Operating voltage / 工作電壓	AC90 ~ 260V DC24~30V	
Current Consumption / 消耗電流	40 mA	
Load current / 負載電流	Relay : DC30V 5A/ AC250V 5A	
Output type / 輸出模式	Relay out: Com./No.	
Response time / 反應時間	20 ms Max.	
Insulation resistance / 隔離阻抗	20MΩ min. (DC500V)	
Voltage withstandability / 絕緣耐壓	AC1000V 60Hz for 60 Sec.	
Operating temperature/工作溫度	-25°C ~ + 60°C	
Ambient humidity / 工作溼度	35% ~ 85% RH	
Protection degree / 防水等級	IP65	
Material / 外觀材質	ABS	
Wiring method / 出線方式	Ø5.2 x 2 M / 4-wires	(Receiver) Ø5.2 x 2 M / 4-wires / (Emitter) Ø5.2 x 2 M / 2-wires
Weight / 重量	Approx.123.5g	Approx.247g

## ◆ Dimensions / 尺寸圖：(unit:mm)

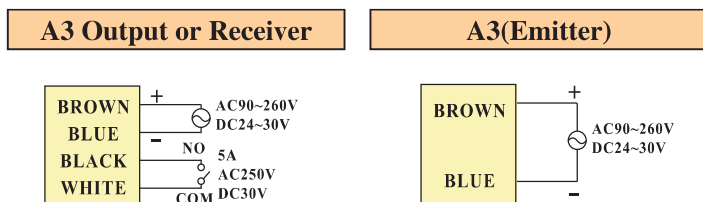


## ◆ Functions manual of panels / 面板功能說明：

### • A3 Output or Receiver



## ◆ Wiring diagrams / 接線圖：



## ◆ Characteristic / 特點：

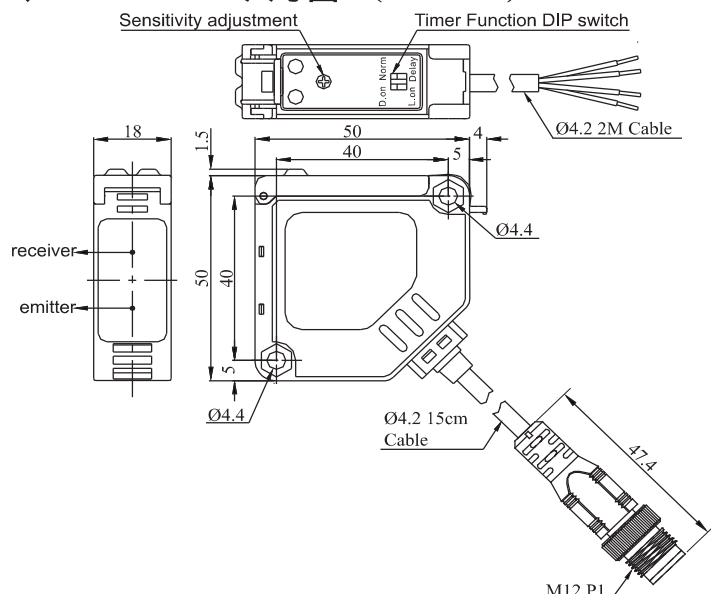
- Non-spherical optical lens.  
/ 非球面光學鏡片。
- Relay output.  
/ Relay輸出模式。
- Off-delay 0.2 second.  
/ Off-delay(0.2Sec.) 功能。



## ◆ Specifications/ 規格表：

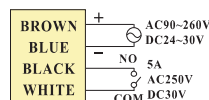
Model / 型號	R3JK-DU50A3 R3JK-DU100A3	R3JK-10A3 R3JK-30A3	R3JK-DU50KP2 R3JK-DU100KP2	R3JK-10KP2 R3JK-30KP2
	—	—	R3JK-DU50KP2K R3JK-DU100KP2K	R3JK-10KP2K R3JK-30KP2K
Sensing type / 檢出方式	Diffuse reflection / 擴散反射式	Through beam / 對照式	Diffuse reflection / 擴散反射式	Through beam / 對照式
Sensing distance / 檢出距離	50cm / 100cm 白紙300 x 300mm	10M 30M	50cm 100cm	10M 30M
Emitting light / 發光源	Infrared LED 850 nm /Infrared LED 940 nm	Infrared LED 850 nm	Red LED 940 nm	Infrared LED 850 nm
Operating voltage / 工作電壓	AC90 ~ 260V      DC24~30V		DC12 ~ 24 V	
Current Consumption / 消耗電流	25 mA Max.		30 mA Max.	
Load current / 負載電流	Relay：DC30V 5A/ AC250V 5A		100mA Max. at DC24V	
Output type / 輸出模式	Relay out Com./NO.		NPN L.on/D.on      PNP D.on/L.on	
Response time / 反應時間	1.5 ms Max.			
Insulation resistance / 隔離阻抗	20MΩ min. (DC500V)			
Voltage withstandabiligy / 絕緣耐壓	AC1000V 60Hz for 60 Sec.			
Operating temperature/工作溫度	- 20 ℃ ~ + 60 ℃			
Ambient humidity / 工作溼度	35% ~ 85% RH			
Protection degree / 防水等級	IP65			
Material / 外觀材質	ABS			
Wiring method / 出線方式	R3JK-□A3/ KP2	(A3 Output or Receiver) Ø4.2 x 2 M / 4-wires (Emitter) Ø4.2 x 2 M / 2-wires		
	R3JK-□KP2K	M12 Pigtailed type/ M12接頭 15cm電線式		
Weight /重量	R3JK-□A3/ KP2	Approx. 85g	Approx. 165g	Approx. 80g
	R3JK-□KP2K	—	—	Approx. 45g
				Approx. 80g

## ◆ Dimensions / 尺寸圖：(unit:mm)

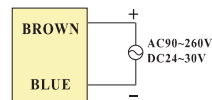


## ◆ Wiring diagrams / 接線圖：

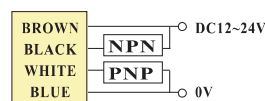
### A3 Output or Receiver



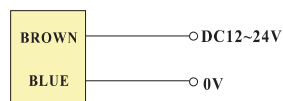
### A3(Emitter)



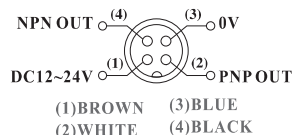
### KP2 Output or Receiver



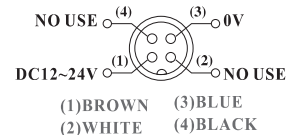
### KP2(Emitter)



### KP2K Output or Receiver



### KP2K(Emitter)

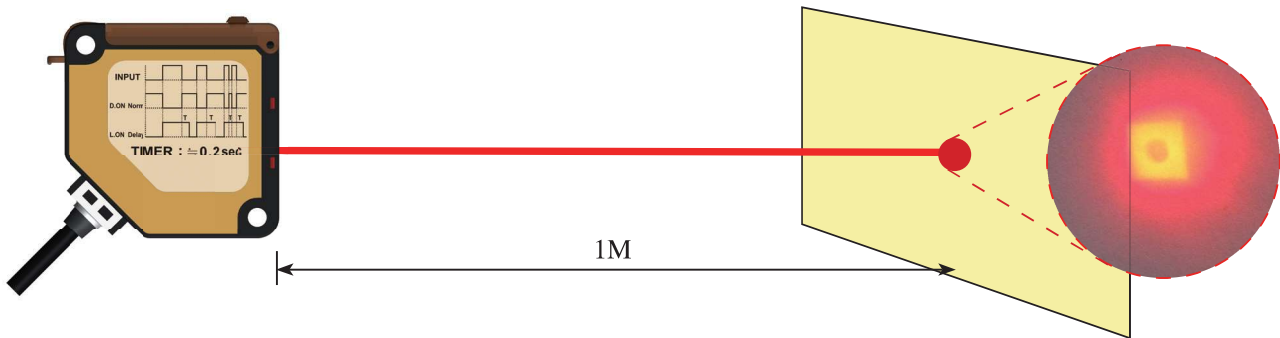




## ◆ Introduction / 介紹：

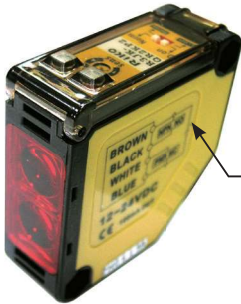
### ● Clearly visible red LED (QR series) / 清晰可見的紅光LED(QR系列)

The visible red LED is available at the distance of 1M. It is easy for your installation and detection.  
/ 使用紅光LED，即使在1M的距離，一樣可以清楚的看見紅光，讓您在安裝檢測時更方便。



### ● Special design of protective hood for dust-proof / 專用防塵蓋設計

With special protective hood for dust-proof, it can avoid the breakdown caused by dust or spray.



Special protective hood for dust-proof and spray-proof.

### ● Non-spherical optical lens / 非球面光學鏡片

For a better focusing, with the exceptional optical lens.



Special optical lens

### ● Import high switching capability relay. / 進口高容量Relay.

Import relay is with 0.2 Sec. delay function and can be switched L.on/D.on directly.



### ● Dual LED indicator / 雙LED指示燈

Visible dual LED makes you easy to know the current operating situation.



### ● Sensitivity adjuster / 可調式旋鈕

Users can adjust the sensitivity more optimum according to different situations.

