

R3JK

Long Sensing Range Photo Sensor

Characteristic :

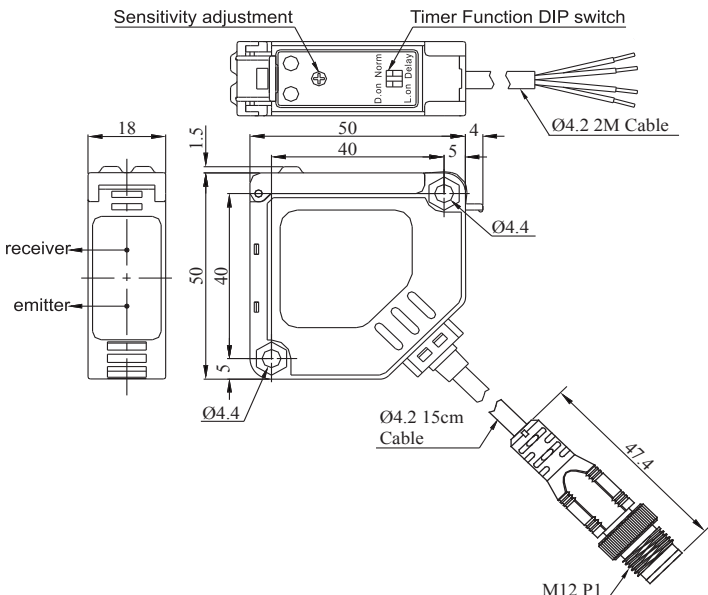
- Non-spherical optical lens.
- Relay output.
- Off-delay 0.2 second.
/ Off-delay(0.2Sec.)



Specifications

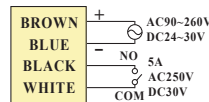
Model	R3JK-DU50A3 R3JK-DU100A3	R3JK-10A3 R3JK-30A3	R3JK-DU50KP2 R3JK-DU100KP2	R3JK-10KP2 R3JK-30KP2
		-	-	R3JK-DU50KP2K R3JK-DU100KP2K
Sensing type /	Diffuse reflection	Through beam	Diffuse reflection	Through beam
Sensing distance	50cm / 100cm	10M 30M	50cm 100cm	10M 30M
Emitting light	Infrared LED 850 nm /Infrared LED 940 nm	Infrared LED 850 nm	Infrared LED 940 nm	Infrared LED 850 nm
Operating voltage	AC90 ~ 260V	DC24~30V	DC12 ~ 24 V	
Current Consumption	25 mA Max.		30 mA Max.	
Load current	Relay : DC30V 5A/ AC250V 5A		100mA Max. at DC24V	
Output type	Relay out Com./NO.		NPN L.on/D.on PNP D.on/L.on	
Response time	1.5 ms Max.			
Insulation resistance	20MΩ min. (DC500V)			
Voltage withstandability	AC1000V 60Hz for 60 Sec.			
Operating temperature	- 20 °C ~ + 60 °C			
Ambient humidity	35% ~ 85% RH			
Protection degree	IP65			
Material	ABS			
Wiring method /	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		
Weight	R3JK-□A3/ KP2	Approx. 85g	Approx. 165g	Approx. 80g
	R3JK-□KP2K	-	-	Approx. 45g

Dimensions : (unit:mm)

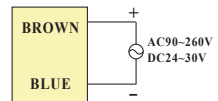


Wiring diagrams

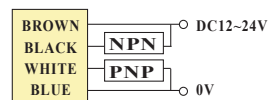
A3 Output or Receiver



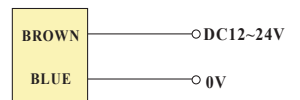
A3(Emitter)



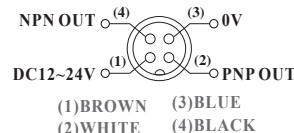
KP2 Output or Receiver



KP2(Emitter)



KP2K Output or Receiver



KP2K(Emitter)

