

Long Sensing Range Photo Sensor

R3JK

◆ Characteristic

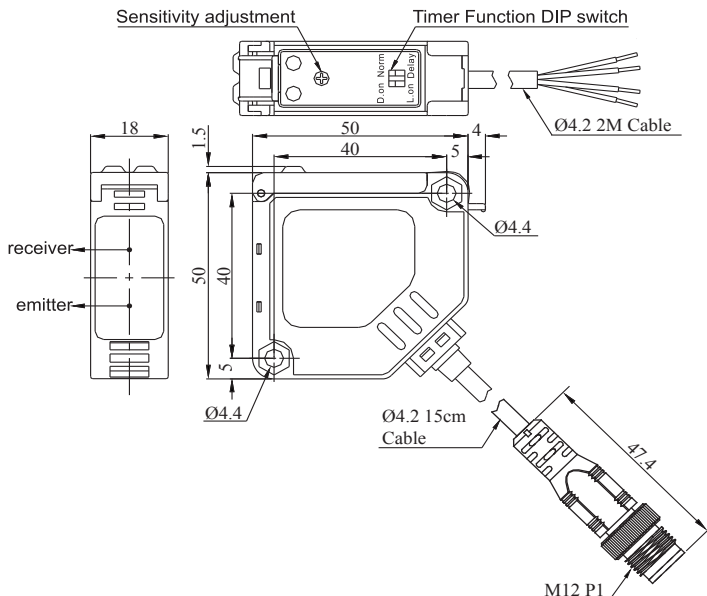
- Non-spherical optical lens. ◦
- Off-delay 0.2 second. ◦
- Visible RED light for positioning.
- Special protective hood for dust-proof and greasiness-proof.



◆ Specifications

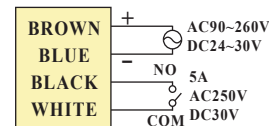
Model	R3JK-R5A3	R3JK-R5KP2	R3JK-QR2KP2	R3JK-PR2KP2
		—	R3JK-R5KP2K	R3JK-QR2KP2K
Sensing type	Retroreflective		Retroreflective(RED)	Polarizing Retroreflective
Sensing distance / 検出距離	5M		2M	
Emitting light	Infrared LED 940 nm		Red LED 650 nm	
Operating voltage	AC90 ~ 260V DC24~30V	DC12 ~ 24 V		
Current 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 Voltage	20MΩ min. (DC500V)			
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	Pre-wired Ø4.2 x 2 M / 4-wires		
	R3JK-□KP2K	M12 Pigtailed type/		
Weight	R3JK-□A3/ KP2	Approx. 85g	Approx. 80g	
	R3JK-□KP2K	—	Approx. 45g	

◆ Dimensions : (unit:mm)

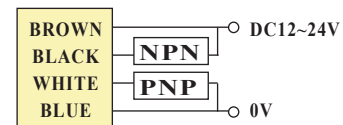


◆ Wiring Diagram

A3 Output



KP2 Output



KP2K Output

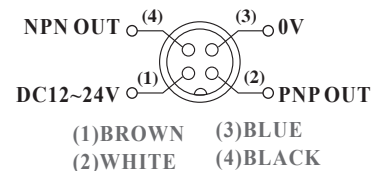


Photo / Area Photo / Ultrasonic Sensor

R5JM
/R3JK

PTQ18

PMF
/RMF
/MMF

PK3
/PK5
/PM6

SU
/SU15
/SU07
/SU30

SPR
/RX

OAP
/ASP

RU18