

RP74 SERIES

RP74 Series

Image	Series Description	Modes	Ranges
	Multi-purpose Photoelectric Sensor <ul style="list-style-type: none"> Built-in Timer Modes Several Mounting Options Universal Power Supply Long Range 	Through Beam	61m
		Retroreflective	9.14m
		Diffuse	3.04m
		Clear Object Detection	1.2m
		Fiber Optic Mode - (range depends on fiber used)	

	Through-beam	Diffuse	Retroreflective (Polarized)	Fiber Optic	Clear Object Detection
Operating Range	61m (200 ft.)	3.04m (10 ft.)	9.14m (30 ft.)	Depends on fiber	1.20m (3.9 ft.)
Light Emission	880nm Infrared LED	880nm Red LED	660nm Red LED	880nm Infrared LED	660nm Red LED

DC Models (10-40 VDC) M12 - Recommended Mating Cable: part # R-FS4TZ-V075 (straight), R-FA4TZ-V075 (right-angle)

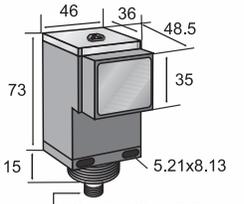
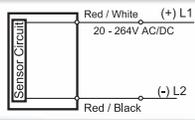
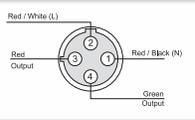
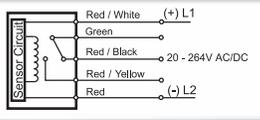
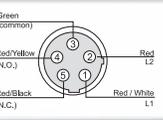
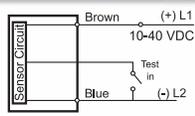
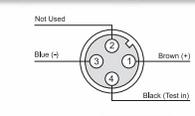
Emitter	RP74-T061MD-EY9Q4LE				
NPN / PNP - with timing	RP74-T061MD-CY9Q4UE-T	RP74-D3040D-CY9Q4UE-T	RP74-L9140D-CY6Q4UE-T	RP74-FGFD-CY9Q4UE-T	RP74-S1200D-CY6Q4UE-T

AC Models (12-240 VDC/24-240 VAC) 1/2"-20 UNF - Recommended Mating Cable: part # U-FS5TA-V105 (straight), U-FA5TA-V105 (right-angle)

Emitter	RP74-T061MA-EY9Q4LM				
SPDT Relay	RP74-T061MR-CY9Q5LM-T	RP74-D3040R-CY9Q5LM-T	RP74-L9140R-CY6Q5LM-T	RP74-FGFR-CY9Q5LM-T	RP74-S1200R-CY6Q5LM-T

Technical Data

Power Supply	10-40 VDC or 12-240VDC/24-240 VAC
Indicator LEDs	Green: Power, Yellow: Output, Red: Margin
Current Consumption	30mA max.
Saturation Voltage	2.5 V max.
Output Current	30mA max.
Response Time	NPN/PNP: 5ms, SPDT Relay: 23ms
Timing Options	No Delay, On Delay, Off Delay, One-shot (for Models With Timing Delay).
Time Settings	Adjustable, 0.1...15s (for Models with Timing Delay)
Mechanical Protection	IP67
Housing Material	Glass Fiber Reinforced Plastic, Cover Gasket Material: Neoprene
Lens Material	Acrylic
Operating Temp.	-25...+55°C (-13...+131°F)
Storage Temp.	-40...+55°C (-40...+131°F)
Reference Standard	EN 60947-5-2

Dimensions	Connections	
 <p>AC: 1/2" - 20 UNF Thread DC: M12 x 1</p>	Emitter AC	
		
	AC Receiver, Diffuse & Retro.	
		
	Emitter DC	
		
	NPN/PNP	
	