

RP76 SERIES

RP76 Series

Image



Series Description

Terminal (Conduit) Mount

- Back or Bottom Mounting Option
- Universal Power Supply
- Built-in Timer Modes

Modes

Through Beam	28m
Retroreflective	10m
Diffuse with Background Suppression	300mm

Ranges

Through-beam

Diffuse

Retroreflective (Polarized)

DC Models

Emitter	RP76-T028MD-EY9T4L		
NPN - Timing Delay	RP76-T028MN-CY9T4U-T	RP76-D0300N-CY9T4U-BT	RP76-L010MN-CY6T4U-TP
PNP - Timing Delay	RP76-T028MP-CY9T4U-T	RP76-D0300P-CY9T4U-BT	RP76-L010MP-CY6T4U-TP

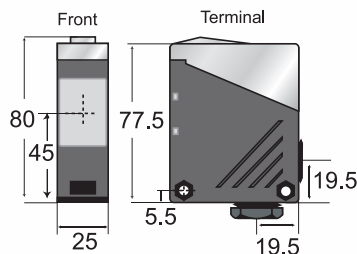
AC Models

Emitter	RP76-T028MA-EY9T4L		
Relay SPST - Timing Delay	RP76-T028MR-CY9T4L-T	RP76-D0300R-CY9T4L-BT	RP76-L010MR-CY6T4L-TP

Technical Data

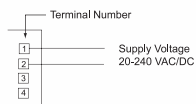
Operating Range	28m (91.8 ft.)	0.3m (11.8 in.)	10m (32.8ft.)
Light Emission	880nm Infrared LED		660nm Red LED
Power Supply	DC: 10-30 VDC AC: 20-250 VAC		
Current Consumption	DC: <35 mA (no load) AC: <2 VA		
Time Options	No Delay, On Delay, Off Delay, One-shot (for Models With Timing Delay)		
Time Settings	Adjustable, 0.1...15s (for Models with Timing Delay)		
Indicator LEDs	Green: Power, Yellow: Output, Red: Margin / SCP		
Housing Material	Glass fiber reinforced plastic		
Lens Material	Acrylic		
Mechanical Protection	IP66 / NEMA 4		
Circuit Protection	Reverse polarity protected (DC Models also have outputs short circuit and over current protected)		
Operating Temperature	-25°C to +55°C (-13°F to 131°F)		
Storage Temperature	-40°C to +55°C (-40°F to 131°F)		
Reference Standard	IEC 60947-5-2		

Dimensions

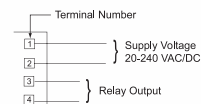


Connections

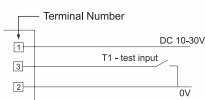
Emitter AC



AC Receiver, Diffuse & Retro.



Emitter DC



NPN/PNP

