

33ft Polarized Reflective Photoelectric Beam Sensor

E-931-S33PRQ

Range: 33ft (10m) Range, Weatherproof

The E-931-S33PRQ 33ft Polarized Reflective Photoelectric Beam Sensor provides reliable detection of shiny objects that could be missed by a non-polarized sensor.

Features:

- For assembly line automation, outdoor gates, garage or overhead doors
- Excellent immunity to shiny objects that could cause false triggering
- Operates on 12~250 VAC/VDC
- Weatherproof (IP66) for indoor and outdoor applications
- Dual-color LED for beam alignment
- Compact size: 4³/₁₆"x2¹/₂"x2³/₁₆" (122x62x61mm)
- Mounting bracket and hardware included

Specifications:

Model Number	E-931-S33PRQ		
Type	NIR Polarized Reflective		
Sensing Range	Up to 33' (10m)		
Supply Voltage	12~250 VAC/VDC		
Current Drain		Standby	Active
	12VDC	20mA	40mA
	24VDC	10mA	20mA
Response Time	10ms (Max)		
Light Source	IR LED		
LEDs	Green LED (Alignment)		
	Red LED (Trigger)		
Trigger Output	SPDT relay output		
Switching Capacity	1A@125VAC, 2A@30VDC		
Tamper Switch	N.C., 500mA@30VAC		
Enclosure	IP66 Waterproof		
Ambient Temp	-4°~131°F (-20°~55°C)		



How Polarized Sensors Work:

