

33ft Polarized Reflective Photoelectric Beam Sensor



E-931-S33PRGQ

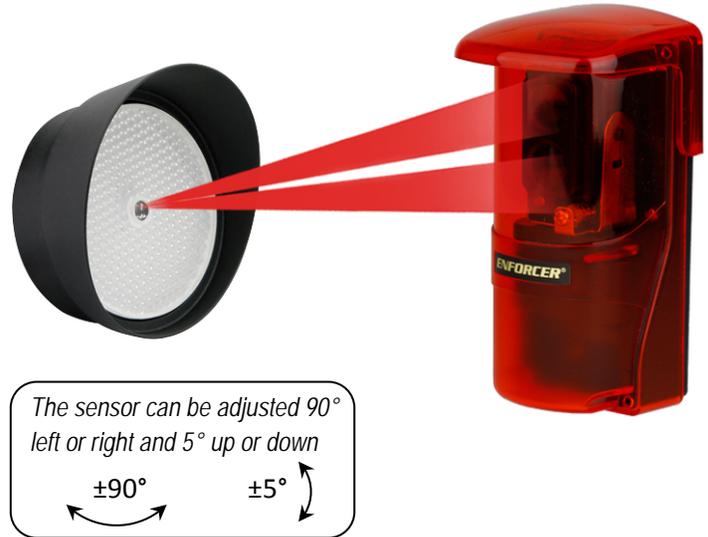
The E-931-S33PRGQ 33ft Polarized Reflective Photoelectric Beam Sensor provides reliable detection of shiny objects that could be missed by a non-polarized sensor.

Features:

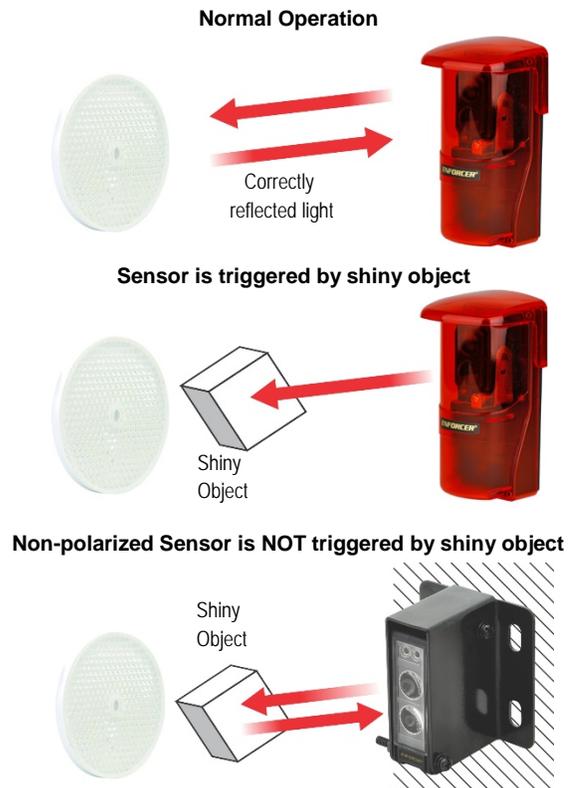
- Polarized sensor is immune to shiny objects: triggers only when correctly reflected light is detected
- Weatherproof (IP55)
- Anti-condensation housing
- 12-30V DC/AC 60Hz, 100mA
- Up to 33ft (10m) sensing range
- Round reflector, Diameter: 3 1/4" (82mm)
- Form C relay: 500mA@30VAC/VDC
- Beam status LED
- Compact size: 4 13/16" x 2 3/8" x 2 7/16" (122x60x62mm)
- N.C. Tamper switch: 500mA@30VAC/VDC
- Monitored Outputs:
 - N.C.
 - 10kΩ Resistor
- Hood included for both sensor and reflector

Specifications:

| | | |
|-----------------------|--|------------------------------------|
| Type | Polarized reflective photoelectric beam sensor | |
| Sensing range | 33ft (10m) | |
| Supply voltage | 12-30V DC/AC 60Hz, 100mA | |
| Current draw | Standby | 55mA@12VDC |
| | Active | 40mA@12VDC |
| Response time | 10ms | |
| Light source | IR LED/Wavelength 740nm | |
| LED | Solid Green | Good beam signal, properly aligned |
| | Alternating flash | Poor beam signal |
| | Solid red | No beam signal, triggered |
| Trigger output | SPDT relay output (NO/NC/COM) | |
| Switching capacity | 500mA@30VAC/VDC | |
| Temper switch | N.C., 500mA@30VAC/VDC | |
| Enclosure | IP55 | |
| Operating temperature | -4° ~ 131°F (-20° ~ 55°C) | |



How Polarized Sensors Work:



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