

33ft Polarized Reflective Photobeam Sensor

E-931-S33PRGQ

The ENFORCER E-931-S33PRGQ 33ft Polarized Reflective Photoelectric Beam Sensor provides reliable sensing of shiny objects that break the infrared beam. It is suitable for various types of detection such as opening a garage door or outdoor gate for approaching vehicles, measuring parking distances, industrial automation, entry notification for stores, alarm notification, and much more.



Features

- Polarized sensor is immune to shiny objects: Triggers only when correctly reflected light is detected
- Weatherproof (IP55) construction with hood
- Anti-condensation housing
- 12-30V DC/AC 60Hz, 100mA
- Up to 33ft (10m) sensing range
- Round, $\varnothing 3\frac{1}{4}$ " (82mm) reflector with hood
- Form C relay: 0.5A@30VAC/VDC
- Beam status LED
- N.C. Tamper switch, 500mA@30VAC/VDC



The sensor can be adjusted
90° left or right and 5° up or down

Polarized
Sensor

IP55
Weatherproof

Adjustable
Sensor
Angle

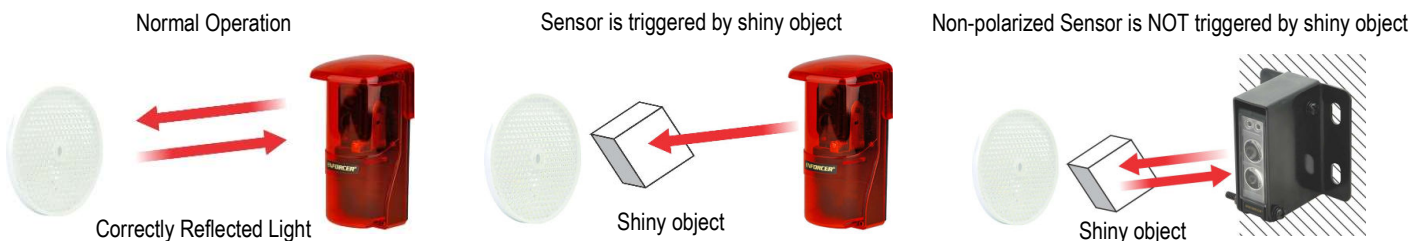
Up to
33ft

CAUTION

- This sensor was not designed to prevent bodily injury or loss of life.
- This sensor was not designed for use in environments where explosive gases may be present.
- Use of this sensor in certain security applications may be regulated by local laws or codes. SECO-LARM is not responsible for compliance with such laws or codes.

IMPORTANT: The E-936-S45RRGQ conforms to UL Std. 325 for gate operators that use the N.C. or 10k Ω resistor for monitoring.

How Polarized Sensors Work



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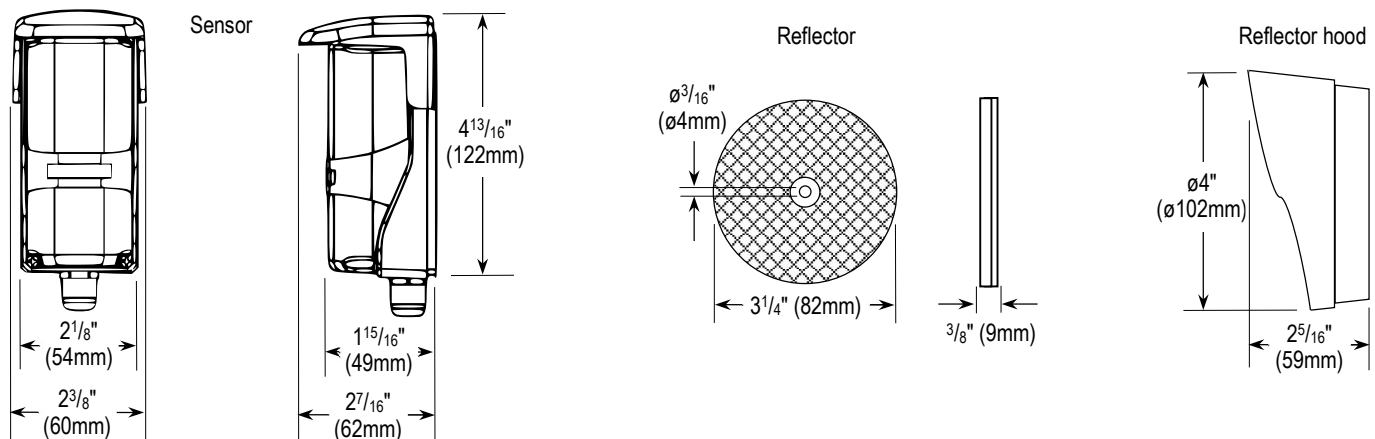
SECO-LARM® ENFORCER® CRIMEBUSTER® CBA® SLI®

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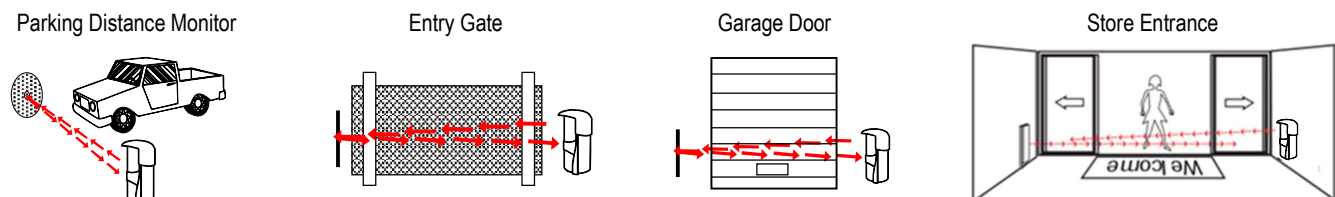
Specifications

Type	Polarized reflective photoelectric beam sensor	
Operating voltage	12-30V DC/AC 60Hz, 100mA	
Current draw (max.)	Standby	55mA@12VDC
	Active	40mA@12VDC
Sensing range	33ft (10m)	
Response time	10ms (max.)	
Light source	IR LED, wavelength 740nm	
LED Indicators	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 with built-in 10k Ω resistor on N.O. output)	
Switching capacity	0.5A@30VAC/VDC	
Tamper switch	N.C. 500mA@30VAC/VDC	
IP Rating	IP55 Weatherproof	
Operating temperature	-4~131° F (-20~55° C)	

Dimensions



Sample Installations



Accessories

Square Reflector



E-931ACC-R2Q

Round Reflector



E-931ACC-RC1Q

Reflector Hood



E-931ACC-HR1Q

Reflector Bracket



E-931ACC-BLR2Q

Reflective Beam Cover



E-931ACC-CVR/R