


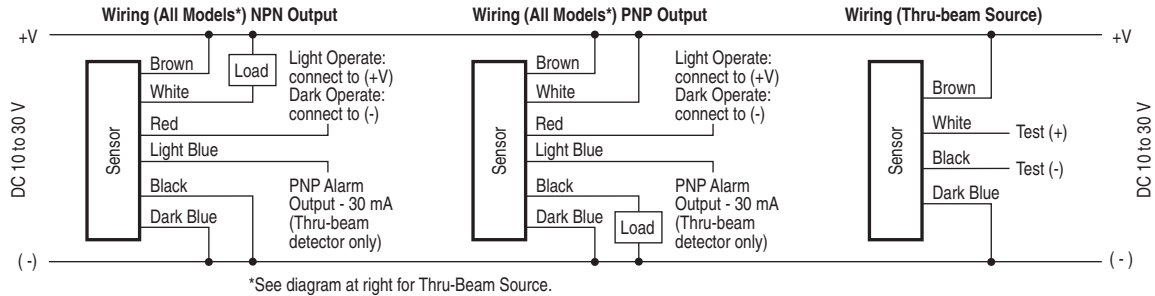
August 2007

Model Selection — Accessories

	Description	Catalog Number
	2 inch retroreflector Supplied with polarized reflex and clear object sensors Additional retroreflectors, see Section 8 ①	E65KR55

① For Polarized Reflex Sensors only. Use Catalog Number **E65KR55** for clear object sensors.

Wiring Diagrams



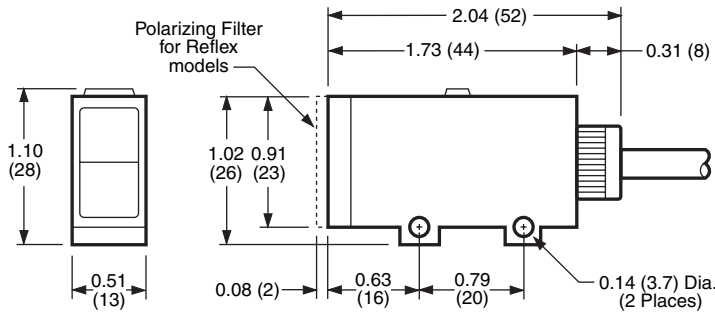
Specifications

Description	Specification
Input Voltage	10 to 30V DC
Current Consumption	30 mA maximum Fast response fixed focus diffuse reflective model: 45 mA maximum
Ripple Voltage	2 Vpp maximum
Saturation Voltage	1.5V maximum (NPN or PNP output)
Output Type	NPN or PNP by wiring
Current Switching	100 mA maximum
Protection	Short circuit and transient
Light/Dark Operation	Selectable by wiring
Operating Temperature	+5° to +131°F (-15° to +55°C)
Storage Temperature	-4° to +158°F (-20° to +70°C)
Output Indicator	Red LED lights when output is "ON"
Stability Indicator	Green LED lights to indicate a reliable sensing condition
Material of Construction	Housing: ABS plastic; Lens: PMMA methacrylate
Cable	6.6 feet (2 meters)
Vibration	10 to 55 Hz, amplitude 0.06 inch (1.5 mm) p-p, 2 hours each in axes X, Y, Z
Enclosure Ratings	NEMA 1, 3, 4, 12, and 13, IP66 ②
Approvals	UL recognized

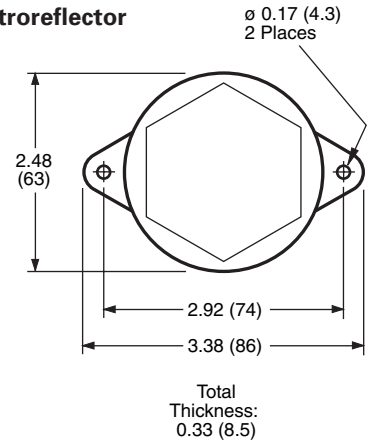
② NOTE: Our products conform to NEMA tests as indicated, however, some severe washdown applications can exceed these NEMA test specifications. If you have questions about a specific application, contact Eaton's Cutler-Hammer Sensor Applications Department at 1-800-426-9184.

Approximate Dimensions in Inches (mm)

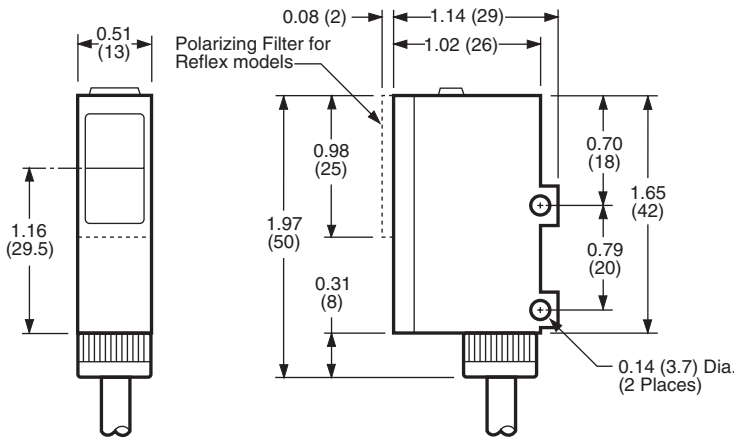
Forward Viewing Models (Except Fiber Optic)



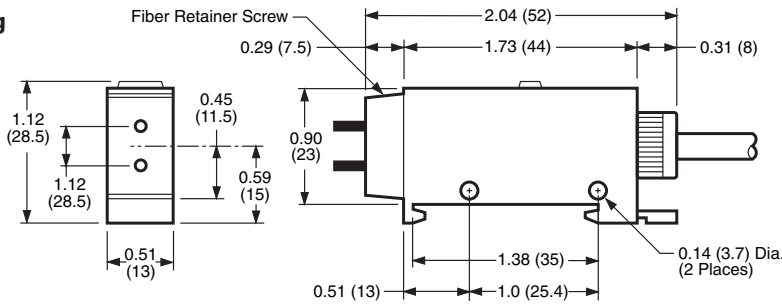
E65KR55 Retroreflector



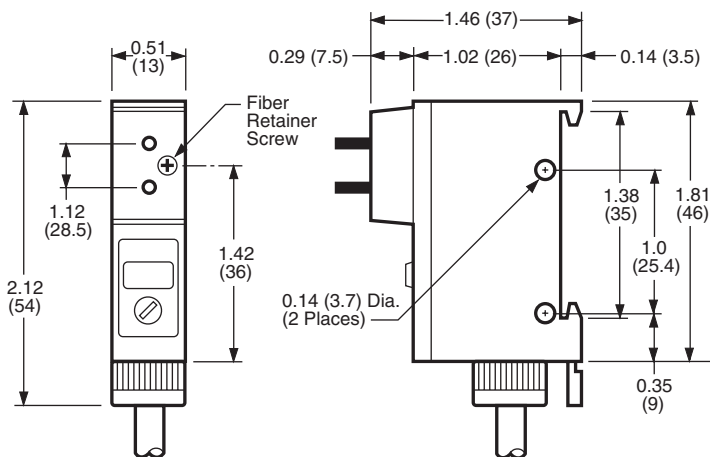
Right-Angle Viewing Models (Except Fiber Optic)



Forward Viewing Fiber Optic Models



Right-Angle Viewing Fiber Optic Models



5 PHOTOELECTRIC SENSORS