Eclipse

Eclipse Combustion

Solid State UV/IR Scanner

Model 5600-92SC

- **UL listed, CSA certified and FM approved.**
- **Long life solid state detector.**
- **Broad wave length response from infrared to ultraviolet.**
- **Supplied with 6 ft. (183 cm) two-conductor shielded cable.**
- **Sealed lens for added temperature and enviromental protection.**
- **Protected against reverse connection.**
- **Operates with Model VF560☐☐7☐☐Veri-Flame controllers.**

The Model 5600-92SC U.V. scanner consists of a photo-diode and electronic network. The photo-diode and electronics are sealed in an aluminum housing, providing protection against dust, oil and water.

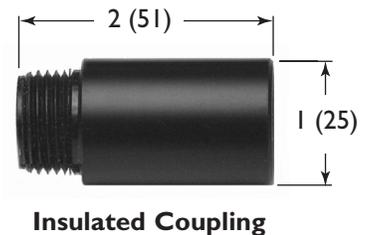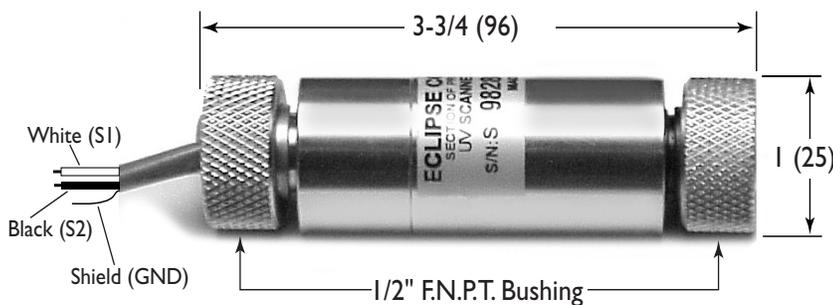This U.V. scanner is used to sense infrared through ultravilot light and responds to the flicker on gas and oil flames. This device will not produce a flame signal if any internal component fails. It can be used on burner systems that continously operate longer than twenty-four hours and can be used in place of a self check scanner.

Specifications

Supply Voltage . . . . 12 Vdc nominal
Supply Current . . . . 15mA typical, 20mA maximum
Supply Wiring . . . . 6 ft. (183 cm) 2 conductor #18 AWG shielded cable. Shield is connected to housing.
Temperature Range . . . 0°F to 176°F (-20°C to +80°C)
Materials . . . . Housing: Aluminum. Lens Support: Nylon.
Shipping Weight . . . . 7 oz (175 grams)
Options . . . . Magnifying lens assembly (Part # 49600-98), Insulated coupling (Part # 49099)
Heat Block Seal 23HBS (Part # 400011)

Dimensions in inches (mm)

3-3/4 (96)

White (S1)

Black (S2)

Shield (GND)

1 (25)

1/2" F.N.P.T. Bushing

2 (51)

1 (25)

Insulated Coupling

4-7/16 (113)

1-3/8 (35)

Magnifying Lens Assembly

ECLIPSE
Innovative Thermal Solutions

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ECLIPSE®
Innovative Thermal Solutions

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