

Eclipse 90° UV Scanner

Model 5600-90A



This sensor features a very high temperature sensitivity ultraviolet (UV) tube for monitoring gas or oil flames that cycle on and off frequently. The Eclipse flame safeguard checks for a short-circuited, or "run away" scanner at the beginning and end of each flame cycle.

- UL listed for USA and Canada, FM approved
- Very high sensitivity to UV in most gas and light oil flames
- 10 ft (305 cm) cable lead
- 90° connection for reduced cable stress
- Protected against reverse connection
- Operates with 5600 and VF56 series Veri-Flame, 6000 Series Multi-Flame, 6500 Series Bi-Flame controllers, and Series 7000 Peek-A-Flame

Specifications

Parameter	Specification
Part Number	49600-90
Spectral Response	185 to 260 nm
Supply Voltage	425 ± 25 VDC
Discharge Current	0.1 mA
Supply Wiring	10 ft (305 cm) of two #18 AWG conductors with 16" of flexible 3/8" metal conduit
Temperature Range	0° to 140°F (-20° to 60°C)
Materials	Aluminum housing, Plated steel conduit
Weight	0.6 lbs (270 grams)
Options	Magnifying lens assembly (Part #49600-98) 1/2" Insulated coupling (Part #49099), Scanner support lens replacement (Part #20722) 1/2" Conduit bushing (Part #101037108)

Dimensions in inches (mm)

