

Eclipse UV Scanner

Model 5600-91



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

- UL listed for USA and Canada, FM approved
- High sensitivity to UV in most gas flames
- Insulated coupling is provided
- 6 ft (183 cm) cable lead
- Ideal for high temperature applications
- Operates with 5600 and VF56 series Veri-Flame, 6000 Series Multi-Flame and 6500 Series Bi-Flame controllers, and Series 7000 Peek-A-Flame

Specifications

Parameter	Specification
Part Number	49600-91
Spectral Response	185 to 260 nm
Supply Voltage	495 ± 55 VDC
Discharge Current	0.3 mA
Supply Wiring	6 ft (183 cm) flexible 3/8" metal conduit with two #18 AWG conductors
Temperature Range	0° to 257°F (-20° to 125°C)
Materials	Aluminum housing; plated steel conduit; PBT polyester, glass reinforced insulator
Weight	0.8 lbs (360 grams)
Options	Magnifying lens assembly (Part #49600-98) Heat Block Seal 23 HBS (Part #400011)

Dimensions in inches (mm)

