

InSight® II

Flame Scanners for Marine Applications



Integrated Flame Scanner with stainless steel housing 95DSS3-1CEXSS

Dual cell scanner with stainless steel enclosure for extreme environments

The Fireeye Insight II flame scanner utilizes advanced techniques for discrimination and integrates the flame detection, amplification, safety determination and flame switch functions into a single detection head. No separate amplifier or flame switch module is therefore required to interface with the main burner management system.

This dual-cell scanner utilizes ultraviolet (UV) and infrared (IR) detectors and a stainless steel housing that includes CE and ATEX ExdIIC approvals when suitable connectors and fittings are used. It also includes the alpha-numeric VFD display and keypad.

Standard features include two independently adjustable flame relays that can be selected to operate from the UV sensor, the IR sensor, or both sensors, 21 choices of modulation frequency, adjustable sensor gain, adjustable flame relay on/off thresholds, two 4-20 mA analog signal strength outputs (one for FR1 and one for FR2), fault relay, four selectable programmable files (e.g. for different fuels or firing rates), and auto config capability with manual override.

Remote communication capability is available via optional "Fireeye Explorer" PC software.

Features

- Both IR and UV sensors
- Two flame relays
- VFD display and keypad included
- Fault relay
- Two 4-20 mA outputs
- Four memory files
- Communications
- Auto config
- IP66 housing



60-2693-x
stainless mounting flange
(ordered separately)

