

Intellia UV Flame Detector IR2 55000-023APO

Instruction Sheet
R10109GB0



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1 Intellia UV Flame Detector IR2 55000-023APO

1.1 Intellia base mounted flame detectors

The Intellia base mounted Flame Detectors are designed to protect areas where open fires may be expected.

The Intellia series of products are all compatible with the ALC-board of an Esmi Sense FDP and FX 3NET panel.

There are three types of flame detectors available

1. UV Flame Detector
2. UV/Dual IR Flame Detector
3. Triple IR Flame Detector

1.2 Features

Intellia UV Flame Detector IR2 55000-023APO (FFS06725284) has a UV and dual IR sensors responding to different wavelengths in order to discriminate between flames and spurious sources of radiation.

- Responds to stationary flames with no flicker
- Sensitive to UV and low-frequency flickering IR radiation emitted by flames during combustion
- Compact flame detector which can fit into Discovery or XP95 bases
- Loop-powered
- False alarms due to electrical discharges from lightning or arc welding and flickering sunlight are minimized

1.3 Applications

This detector is not affected by any of the sources mentioned above. They are used in aircraft hangers, generator rooms (diesel and gas turbines) and paint works.

1.4 Field of view

The field of view of the flame detector is shown in Figure below. This also provides information on the size of fire detectable at various distances.

