



FFR711

UV flame detector with built in relay complete with base

General

Ultra violet (UV) models have a quick and efficient response to flame. The FF711 detectors have a wide field of vision of up to 120°. It is available with a built in relay in the FFR711, and in a flame proof housing certified to Eex d IIC T6, for the FF716.

Installer and maintenance friendly

The units can be wired into conventional systems using 4 wires (2 for power and 2 for supervision) or as stand-alone units when using relay outputs.

All detectors are supplied complete with base, and are mounted and wired similar to conventional smoke detectors. They are easy to install on walls or ceilings.

Flame sensor test units are available for accurate testing of the detectors.

Applications

Low cost UV detectors may be used in many in-door applications where the exposure to spurious sources of UV are very low. Examples would be sheltered accommodation, clinics, libraries, laboratories, schools and art galleries.



Standard Features

- UV models
- Low cost units for indoor applications
- Flame proof model available
- Fast response (1 - 2 seconds)
- Wide operating voltage
- Wide cone of vision - up to 120°
- Including alarm relay
- Versatile, adjustable test torch available

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Specifications

Supply voltage	12 - 30 VDC
Supply current	
Quiescent	3 mA
Alarm	> 20 mA
Relay contact rating	1A @ 30 VDC (resistive load)
Field of view	Up to 120°
Spectral response (IR)	
Spectral response (UV)	185 to 260 nm
Response time	< 2 s
Operating temperature	-10°C to +60°C
Relative humidity	95% Non condensing
Weight	150 g (including base)
Housing	
Colour	Light Cream
Material	Plastic

Ordering Information

Part No.	Description
FFR711	UV flame detector with built in relay complete with base
FF701	UV test torch
FF703	UV/IR universal test torch
FF704	Portable Bunsen burner for flame detector testing



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