

Conventional Ultra-Violet Flame Detector

HF-24



Features

- ▶ Incorporates filter to minimise unwanted alarms
- ▶ High immunity against electrical noise and radio frequency interference
- ▶ Special pulsed circuit design reduces standby current
- ▶ Requires YBF-RL/4H5 base

Description

Model HF-24 Flame Detector detects the presence of a flame within its field of view by sensing the ultraviolet radiation emitted.

The detector has been designed for internal use and is particularly suited to installations where flame can be expected to develop initially rather than smoke due to the nature of combustible materials such as films, video and computer tapes.

Specification	
Ordering code	HF-24
Operating voltage	15 - 30Vd.c. (Nominal rating 24Vd.c.)
Standby current (typ)	200 μ A at 24Vd.c.
Detection angle	120° Cone
UV sensitivity range	185 to 260nm
Current in alarm state (max)	50mA (with YBF-RL/4H5 Base)
Operating temperature range	-10°C to +50°C
Storage temperature range	-30°C to +70°C
Maximum humidity	95% RH - Non condensing (at 40°C)
Ingress Protection Rating	IP42
Colour / Case Material	Ivory White / ACS
Weight (g) / Diameter (mm) / Height (mm)	152 / 100 / 60
Compatible Base / Height (mm)	Hochiki YBF-RL/4H5 / 10

This product is not suitable for use in Intrinsically Safe areas