

FF Data Sheet | Weatherproof Heat Detector

FWHT/WP

Digital Weatherproof Thermal Detector Non SCI. Rate of Rise or Fixed Temperature Selectable.

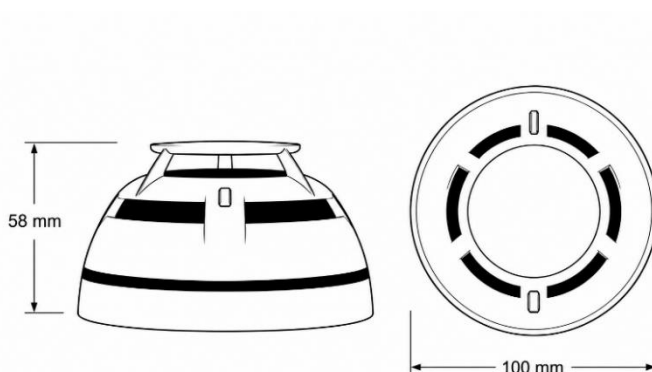
The FWHT/WP is a Digital Distributed Intelligence Weatherproof Heat Detector that has been fully sealed in silicone gel, allowing it to be used in damp and moist environments.

It is a point-type detection device that continuously samples temperature variations in the protected area to provide the earliest possible warning of a fire condition, especially in locations where traditional smoke detectors are not suitable.

The device can function as either a Rate-of-Rise or Fixed-Temperature detector and is fully addressable.

For harsh environments, the device can be further protected by installing it in a protective shroud. When the shroud is not used, a protective silicon base backing (FWP) is recommended to help prevent moisture ingress into the device's termination area.

Diagram



Key Features

- Three thermal sensitivity levels: Rate of Rise (A1R), Fixed Temperature and Fixed Temperature Class B
- Utilises Axis AU Digital Distributed Intelligence protocol with high noise rejection
- Dual bi-colour LEDs providing 360° cone of visibility
- Bi-directional short circuit isolators for ease of design and fault finding
- Open style mounting base offers easy mounting and low-pressure locking
- The device is terminated using the pre-sealed wires from the detector. Care should take to ensure the terminations are sealed
- Addressing is done by using the Device Programming Tool, which will need to be done prior to installation
- AS7240.5 Heat Detector approved & AS 7240.13 Compatibility
- Black internal disk to distinguish the device from a multicriteria detector

Specifications

Loop Voltage *	18-40 V dc
Average Standby Current	85 μ A @ 24V dc
Remote Output Max Current	20 mA
Max number of loop addresses	240
Operating Temperature Range	-10°C / +85°C
Humidity (non-condensing) Max	95% RH
Dimensions H x D	58 x 100 mm
IP Rating	IP40 (IP42 with silicon base gasket)
Weight (Standard Base included)	130 g

* Product operates down to 15 V, but without LED indication.

Certification & Approval

AS7240.5	Point Type Heat Detectors
AS7240.13	Compatibility of Components

Part Numbers & Options

FWHT-WP	Digital Thermal Detector (non SCI)
FWP	Silicon Gasket—Recommended when not using UA-BCW-H65
UA-BCW-H65	Wet area deep conduit base for FWHT-WP detector mounting

NOTE: The UA-BCW-H65 should be used where moisture is likely to run into the detector from the rear, and cable entries should be sealed.