DETECTOR SENSITIVITY

Sensitivity Level	Alarm Obscuration % per metre	Pre-Alarm Obscuration % per metre
1	1.625	1.625
2	3.25	1.625
3	3.25 - 6.5 (Auto)	1.625 - 3.25 (Auto)
4*	6.5	3.25
5*	6.5- 9.75 (Auto)	3.25 - 6.5 (Auto)
6*	9.75	6.5
7	9.73 - 13 (Auto)	6.5 - 9.75 (Auto)
8	13	9.75
9*	Heat Only 63°C	n/a

Restrictions when operating in CLIP Mode: L4, 5 & 6 are combined (i.e. they are all 9.75%), L9 unavailble (i.e. no "Heat Only" mode)

PRODUCT DESCRIPTION

The Acclimate™ detector is an intelligent, addressable, multi-sensing, low-profile detector designed for use with AFP-2800 & AFP-3030 Fire Indicator Panels on both CLIP and FlashScan loops.

The Acclimate™ detector uses a combination of photoelectric and thermal sensing technologies that are designed to increase immunity to false alarms. Unlike traditional detectors, the Acclimate™ detector has a microprocessor in the detector head that processes alarm data. As a result, the Acclimate™ detector adjusts its sensitivity automatically, without needing operator intervention or control panel programming.

Areas where the Acclimate™ detector is especially useful include office complexes, schools, college campuses, manufacturing and industrial facilities, and anywhere else the use of a particular area may change. The Acclimate™ detector automatically adjusts its sensitivity to the environment.

When operating in FlashScan mode, detectors can be programmed to provide separate outputs for thermal and smoke alarm levels if required.

Detectors include a reed switch which can be activated with a test magnet for ease of testing.

NSW
18-20 Brookhollow Ave
NORWEST 2153
02 8850 2888
sales@firesense.com.au

VIC
Unit 4, 297 Ingles St
PORT MELBOURNE 3207
03 9646 4557
salesvic@firesense.com.au

QLD
Unit 2, 225 Queensport Rd North
MURARRIE 4172
07 3890 8842
salesqld@firesense.com.au

www.firesense.com.au

TECHNICAL SPECIFICATIONS

Detectors Per Loop (total)	CLIP - 99 FlashScan - 159
Operating Voltage Range	15 to 32Vdc
Standby Current (max average)	360µA @ 24Vdc (one communication every 5 seconds with green LED blink on)
Maximum Alarm Current (LED on)	6.5mA @ 24Vdc
Operating Humidity Range	5% to 96% relative humidity, non-condensing
Operating Temp Range	-10ºC to 50ºC
Air Velocity	0-1219m/min
Fixed Temperature	63ºC
Rate of Rise Alarm Threshold	8.3ºC/minute
Weight	147g
Dimensions	53mm H x 104mm diameter when installed with a B501 base

APPROVALS

- ✓ SSL Approved
- ✓ ActivFire certified - Listing No. afp-1633 (Notifier Model FAPT-851AUS)
- ✓ ActivFire certified (7240) - Listing No. afp-3357