

PRODUCT LISTING DATA SHEET (Active Fire Protection Equipment)

Product designation

Notifier, Model SDX-751AUS, high sens. photoelectric smoke detector

(Refer to the Technical Specification section of this document for further specific detail)

Supplier

Notifier Inertia

9 Columbia Court, Norwest Business Park, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Manufacturer

System Sensor

3825 Ohio Avenue, ST CHARLES, IL., UNITED STATES, 60174

Supplier's description

The Notifier, Model SDX-751AUS, high sens. photoelectric smoke detector utilises a state-of-the-art, optical sensing chamber. This sensor is designed to provide open area protection and to be used only with compatible fire indicator and control panels.

Two LEDs on each sensor light to provide a local 360° visibility of the sensor indication. The LEDs can be latched on by code command from the panel for an alarm indication. The LEDs can also be unlatched to the normal condition by code command. Remote LED annunciator capability is available as an optional accessory.

Conformance criteria and evaluation

The Notifier, Model SDX-751AUS, high sens. photoelectric smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.1-1990, 'Automatic fire detection and alarm systems - Heat detectors' incl. Amdt 1 (April 1995).

Certification/listing is subject to ActivFire Scheme terms and conditions as applicable to the designated registrant and supplier.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this Product Listing Data Sheet, are derived from qualifications within the report of the testing agency and/or other related technical documentation. It is recommended that all details with respect to design, assembly and installation restrictions should be checked against the designated supplier's/maker's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Compatibility of this fire detector and its base assembly with new or existing control and indicating equipment should be verified prior to installation.



This product listing data sheet should be read in conjunction with the general requirements of the terms and conditions of listing under the ActivFire Scheme.

Technical specification

The following details are a representative extract of the technical specification for the Notifier, Model SDX-751AUS, high sens. photoelectric smoke detector and may be subject to change. Complete and current details should be determined from the designated supplier's/manufacturer's technical manual/data sheets.

Operating voltage range:	15 to 32 Volts
Maximum standby current:	230 μ A @ 24 Vdc (no communication)
Maximum average standby current:	330 μ A (one communication every 5 sec. with LED blink enabled)
Maximum alarm current (LED on):	6.5 mA @ 24 Vdc
Operating humidity range:	5% to 93% RH, noncondensing
Operating temperature range:	0° to 60°C
Height:	43 mm
Diameter:	104 mm to 155 mm depending on base assembly used

Tested base designation	Base + detector circuit type
Notifier, Model B501	Analogue Addressable
System Sensor, Model B501	Analogue Addressable
System Sensor, Model B501BH	Analogue Addressable

Supplementary information

Nil supplementary information.