



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2474	9-Feb-2011	Number 5	Issue date 5-Aug-2016	30-Apr-2017

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Product designation

Proactive, PFS1000 Series, Type E, heat detectors

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Proactive Fire System
Unit 8 / 78 Harley Crescent, CONDELL PARK, NSW, AUSTRALIA, 2200

Registrant

Proactive Fire System
Unit 8 / 78 Harley Crescent, CONDELL PARK, NSW, AUSTRALIA, 2200

Producer

Proactive Fire System
Unit 8 / 78 Harley Crescent, CONDELL PARK, NSW, AUSTRALIA, 2200

Conformance criteria and evaluation

The Proactive, PFS1000 Series, Type E, heat detectors has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.1-1997, 'Automatic fire detection and alarm systems - Heat detectors' incl. Amdt 1 (August 1998).

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer'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 certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Proactive PFS1000 Series Linear Heat Detector is a non-resettable linear heat detector range consisting of 3 models:

- The Proactive model 1000-68 Type E linear heat detector
- The Proactive model 1000-88 Type E linear heat detector
- The Proactive model 1000-105 Type E linear heat detector

The detector has three alarm temperature levels 68°C, 88°C and 105°C with selectable sensitivity, depending on the model of linear heat detector cable fitted.

The detector is comprised of three parts, Control Unit (PFS1000A), Terminal Unit (PFS1000T) and Heat Sensing Cable. The models differ only through the selection of heat sensing cable joining the Control and Terminal Unit.

The Control Unit and Terminal Unit will be worked in temperature range between 0°C and 50°C.

Three indicating LEDs (green, red and orange) on each Control Unit illuminate to provide a local, visible detector indication of the state of the detector (power, alarm, fault).

The detector provides a normally open relay output, suitable for connection to a conventional control and indicating equipment (c.i.e.) or field modules

Technical specification

The following details are a representative extract of the technical specification for the Proactive, PFS1000 Series, Type E, heat detectors and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Quiescent state voltage and current.	≤ 20 mA
Alarm state currents.	≤ 30 mA
Fault state current	≤ 25 mA
Power supply requirements	20 – 28 VDC
Maximum relative Humidity	90 – 98%
IP Rating	IP66

Model	Alarm temperature level
1000-68	68° C
1000-88	88° C
1000-105	105° C