



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3230	26-Feb-2018	Number 8	Issue date 12-Mar-2024	30-Apr-2025

Product designation

FireSense, TPSLD Series, non-fire rated, fire detection and emergency warning cables
(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

FireSense Pty Ltd
18-20 Brookhollow Avenue, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Registrant

FireSense Pty Ltd
18-20 Brookhollow Avenue, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Conformance criteria and evaluation

The FireSense, TPSLD Series, non-fire rated, fire detection and emergency warning cables has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian/New Zealand Standard AS/NZS 3013:2005, App. D and E (Mechanical rating only), 'Electrical installations - Classification of the fire and mechanical performance of wiring system elements'.

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. This product is subject to specific requirements, based upon its AS/NZS 3013 Classification and applicable fire detection and emergency warning design and installation standards, e.g. AS 1670.1.

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

Kaj Loh
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Technical specification

The following details are a representative extract of the technical specification for the FireSense, TPSLD Series, non-fire rated, fire detection and emergency warning cables and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Part number	Num. of cores	Cross-section	Overall diameter	Classification	Certificate of test ident.
TPSLD- 0.75-2C	2	0.75 mm ²	3.6 x 5.9mm	WSX1	SFC53620400.2
TPSLD- 1.50-2C	2	1.50 mm ²	4.5 x 7.1mm	WSX1	SFC24560i-04

Schedule of installation components

The following is a schedule of validated installation components of the certified/listed system.

Part number	Type	Length	Width	Max. cable bundle diameter	Stainless steel grade	Certificate of test ident.
SST-200	Cable tie	200 mm	4.6 mm	50 mm	ANSI.304	SFC 2871301a (PR:SST)
SST-360		360 mm		95 mm		

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Certificate No.	SFC 53620400.2	Certificate of Test FireSense-TPSLD-0.75-2C Fire Alarm Cable, 2 Core x 0.75 mm ² ELV- FIRE-LIGHT DUTY-AS/ACIF S008/9 N4281 Ref: 21745	14-Feb-2018	Exova Warringtonfire Aus Pty Ltd, AU
	SFC24560i-04	EWFA Certificate of Assessment Product Code TPSLD-1.50-2C	15-Feb-2018	
	SFC 2871301a	FireSense Stainless Steel Cable tie with Roller Ball Lock, SST	10-Sep-2013	
EWFA Report No.	24560-04	Assessment Report The Classification of Various Firesense Cables in accordance with AS3013:2005	15-Feb-2018	