



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3472	12-Jun-2020	Number 9	Issue date 7-Apr-2026	30-Apr-2027

Page 1 of 3

Product designation

Bellman & Symfon, Model BE1289, 10 year non-replaceable lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm

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

Agent/distributor

Bellman & Symfon Group AB
Södra Långebergsgatan, ASKIM, SWEDEN, SE-436 32

Registrant

Siterwell Electronics Co., Limited
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 315000

Producer

Siterwell Electronics Co., Limited
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 315000

Conformance criteria and evaluation

The Bellman & Symfon, Model BE1289, 10 year non-replaceable lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015).

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.

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

Certificate num.	Registration date	Version	Valid until	
afp - 3472	12-Jun-2020	Number 9	Issue date 7-Apr-2026	30-Apr-2027
Page 2 of 3				

Producer's description

The Bellman & Symfon, Model BE1289, 10 year non-replaceable lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm is a 3V DC 10 year self-contained smoke alarm intended for use in residential dwellings.

This unit senses smoke using the photoelectric principle. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energized.

The unit incorporates a 'silence button' feature. According to the manufacturer's instructions, pressing the silence button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 10 minutes, at which time the smoke alarm automatically returns to normal operation.

The Bellman & Symfon, Model BE1289, 10 year non-replaceable lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm is fitted with a wireless communications interface.

The smoke alarm is circular in shape. It is approximately 114 mm in diameter with a height of 38 mm.

Technical specification

The following details are a representative extract of the technical specification for the Bellman & Symfon, Model BE1289, 10 year non-replaceable lithium battery powered, silencing/hush facility, wireless interconnectable, photoelectric smoke alarm 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.

Variant			Interconnection
Type	Ident.	Assembly description	
Model	BE1289	Smoke alarm unit	Wired interconnection on smoke alarm unit

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Sensor type	Type A, Photoelectric
Smoke sensitivity	0.09 – 0.15 dB/m
Alarm volume	> 85 dB(A) @ 3 meters
Alarm sound pattern	ISO 8201
Battery type	Built-in CR17450 non-replaceable lithium battery
Operation time	> 10 years
Power consumption	Active: < 70 mA, Idle position: < 11 uA
Operating temperature	0 °C – 45 °C
Relative humidity	< 93 %, non-condensing
Low voltage thresholds	DC 2.65 V ±4 %
Silence mode	10 minutes ±10 %
Interconnection	Up to 40 devices
Radio frequency	433.42 MHz
Radio coverage	More than 100 m, free field
SRD class	2
Wireless response time	< 30 s
Dimensions	114 mm (4.5") x 37.9 mm (1.5")

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afp - 3472	12-Jun-2020	Number 9	Issue date 7-Apr-2026	30-Apr-2027
				Page 3 of 3

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.			
Report	XF3401/R2	Evaluation for Conformity of the Bellman & Symfon Model BE1289 Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015	14-May-2020	CSIRO, Fire Systems Laboratory, AU
Manual ref.	BE1289_011MAN001.*	Bellman & Symfon® BE1289 SMOKE ALARM	24-Apr-2020	Bellman & Symfon Group AB, SE