



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 43	30-Aug-1989	Number 10	Issue date 5-May-2016	30-Apr-2017

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Product designation

Potter, Model VSR-SF (25mm to 40mm), Vane Type Waterflow Indicators

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

Agent/distributor

Kidde Australia
Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

Registrant

Potter Electric Signal Company, LLC
1609 Park 370 Place, ST LOUIS, MO, UNITED STATES, 63042

Producer

Potter Electric Signal Company, LLC
1609 Park 370 Place, ST LOUIS, MO, UNITED STATES, 63042

Conformance criteria and evaluation

The Potter, Model VSR-SF (25mm to 40mm), Vane Type Waterflow Indicators have been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Underwriters Laboratories - Evaluation and listing, 'UL listing'.

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. Not intended for applications in explosive environments.
- ii. The maximum service pressure is 1720 kPa (250 psi).

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 Potter, Model VSR-SF (25mm to 40mm), Vane Type Waterflow Indicators are used for wet sprinkler systems that do not have alarm check valves. They may be used on small sprinkler systems and residential dwellings. The unit contains two single pole double throw snap action switches and an adjustable pneumatic retard. The switches are actuated when a flow of 45.5 litres (10 gallons) per minute or more occurs downstream of the device. The adjustable, instantly recycling pneumatic retard prevents false alarms due to water pressure fluctuations. The flow condition must exist for a period of time necessary to overcome the selected retard period.

The Potter, Model VSR-SF (25mm to 40mm), Vane Type Waterflow Indicators come standard with paddles for 1", 1¼", and 1½" threaded and sweat tees, 1½" CPVC and 1" Polybutaline tees. The switches are rated for up to 1720 kPa (250 psi).

Technical specification

The following details are a representative extract of the technical specification for the Potter, Model VSR-SF (25mm to 40mm), Vane Type Waterflow Indicators and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Minimum flow rate for alarm:	45.5 litres per minute
Enclosure:	Cast Aluminium, red enamel finish Cover held in place with tamper resistant screws
Contact ratings:	Two sets of S.P.D.T. (Form C) 10 Amp @ 125/250 Vac 2 Amp @ 0-30 Vdc
Usage:	Listed Plastic, Copper and Schedule 40 Iron Pipe Fits pipe sizes - 1", 1¼", and 1½"
Environmental specifications:	Suitable for indoor and outdoor use with factory installed gasket and die-cast aluminium housing.
Temperature range:	4.5°C to 49°C