



**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
 OFFICE OF THE STATE FIRE MARSHAL  
 FIRE ENGINEERING & INVESTIGATIONS DIVISION  
 BUILDING MATERIALS LISTING PROGRAM**

**LISTING SERVICE**

<b>LISTING No.:</b>	7770-0328:0001																								
<b>CATEGORY:</b>	7770 - VALVES/SWITCHES																								
<b>LISTEE:</b>	Potter Electric Signal Co 1609 Park 370 Place, Hazelwood, MO, 63042 Contact: Decker, Tim (314) 595-6748 Email: timd@pottersignal.com																								
<b>DESIGN:</b>	<p>Vane and pressure type water flow alarm switches listed below. Refer to listee's data sheet for detailed product description and operational considerations.</p> <p><u>Vane Types:</u></p> <table border="0"> <tr> <td>VSR-CF</td> <td>VSR-D</td> <td>VSR-F</td> <td>VSR-SF</td> </tr> <tr> <td>VSR-FE-2</td> <td>VS-SP</td> <td>VS-F</td> <td>VSR-SFG</td> </tr> <tr> <td>VSR-SFT</td> <td>VSG</td> <td>VSR</td> <td>VSR-S</td> </tr> <tr> <td>VSR-C</td> <td>VSR-ST</td> <td>VSR-SG</td> <td></td> </tr> </table> <p><u>Pressure Type:</u></p> <table border="0"> <tr> <td>WFS-B</td> <td>WFSR-C</td> <td>WFSPD-B</td> <td>PS10</td> </tr> <tr> <td>PS-10A</td> <td>PS-100A</td> <td>WFSR-F</td> <td>PS100</td> </tr> </table>	VSR-CF	VSR-D	VSR-F	VSR-SF	VSR-FE-2	VS-SP	VS-F	VSR-SFG	VSR-SFT	VSG	VSR	VSR-S	VSR-C	VSR-ST	VSR-SG		WFS-B	WFSR-C	WFSPD-B	PS10	PS-10A	PS-100A	WFSR-F	PS100
VSR-CF	VSR-D	VSR-F	VSR-SF																						
VSR-FE-2	VS-SP	VS-F	VSR-SFG																						
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WFS-B	WFSR-C	WFSPD-B	PS10																						
PS-10A	PS-100A	WFSR-F	PS100																						
<b>RATING:</b>																									
<b>INSTALLATION:</b>	In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.																								
<b>MARKING:</b>	Listee's name, model number and UL or FM label.																								



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**APPROVAL:**

Listed as waterflow alarm switches for use with fire sprinkler systems. Vane models may be used in wet pipe systems; pressure models may be used in wet or dry systems. Model VSR-CF is for use on K, L or M copper pipe (2", 2-1/2", 3", 4") and listed CPVC pipe (2", 2-1/2", 3"). Model VSR-SF for use on 1", 1-1/4", 1-1/2" and \*2" steel, copper or listed plastic pipe. Model VSG is for low flow rate. Model VSR-SFG and VSR-SFT are for use on 1", 1-1/4", 1-1/2" and \*2" plastic pipe. Models VS-F, VSR-F, VSR-FE and VSR-FE-2 is for use on 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8" and 10" pipe. \*Model VSR is for use on steel pipe sizes from 2" through 8". Vane type switches may be used outdoors when the outdoor temperature never falls below 40oF.

**NOTES:**

Rev\*5-17-2007 jw



This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

**Date Issued: 05/09/2023**

**Listing Expires: 06/30/2024**

Authorized By: **Victor Wong**, Program Coordinator  
Fire Engineering & Investigations Division