

CERTIFICATE OF CONFORMITY

1. FIRE PROTECTION EQUIPMENT

2. **Certificate No:** FM23FPUS0019

3. **Equipment:** Pressure & Supervisory Switches
(Type Reference and Name)

4. **Name of Listing Company:** Chief Technologies, LLC

5. **Address of Listing Company:** P.O. Box 667,
Douglasville, Pennsylvania 19518, USA

6. The examination and test results are recorded in confidential report number:

PR463525 dated 07 June 2023

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

FM 3010:2014, FM 3132:2020

8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

9. Approval Guide Listing Category:

Alarm Signal Initiating Devices, Sprinkler Waterflow, Pressure-Actuated

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

7 June 2023

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC, 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

F 320 (Jan 23)



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10. Description of Equipment:

The CF-PS series pressure actuated switches are designed for the detection of a waterflow condition in automatic fire sprinkler systems of particular designs such as wet pipe systems with alarm check valves, dry pipe, preaction, or deluge valves. The CF-PS10-1, CP-PS40-1, CF-PS120-1 containing one set of SPDT contact and CF-PS10-2, CF-PS40-2, CF-PS120-2 containing two sets of SPDT contacts. The cover incorporates tamper resistant fasteners that requires a special key for removal. One key is supplied with each device.

Physical/Operating Specifications	CP-PS10-1/CP-PS10-2	CP-PS40-1/CP-PS40-2	CP-PS120-1/CP-PS120-2
Maximum Operating Pressure	300psi	300psi	300psi
Maximum Adjustment Pressure Range	4-20psi	10-100psi	10-200psi
Differential	Approximately 3 psi throughout range	Approximately 3 psi @ 10 psi, 6 psi @ 100 psi	Approximately 3 psi @ 10 psi, 9 psi @ 200 psi
Factory Setting	4-8psi	operates on increase at 50 psi and on decrease at 30 psi	operates on increase at 130psi and on decrease at 110 psi
Switch Contact Ratings	10A@125/250VAC 2.5A@30VDC	10A@125/250VAC 2.5A@30VDC	10A@125/250VAC 2.5A@30VDC
Pressure Connection	1/2" NPT Male	1/2" NPT Male	1/2" NPT Male
Dimensions	L*W*H (11.6cm*6.0cm*11.2cm)	L*W*H (11.6cm*6.0cm*11.2cm)	L*W*H (11.6cm*6.0cm*11.2cm)
Operating Temperature Range	-40° to 60°	-40° to 60°	-40° to 60°
Cover Tamper Switch	No	No	No
Protection	IP66	IP66	IP66

11. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

12. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

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Member of the FM Global Group

13. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
7 June 2023	Original Issue 7 th June 2023.

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Page 3 of 3