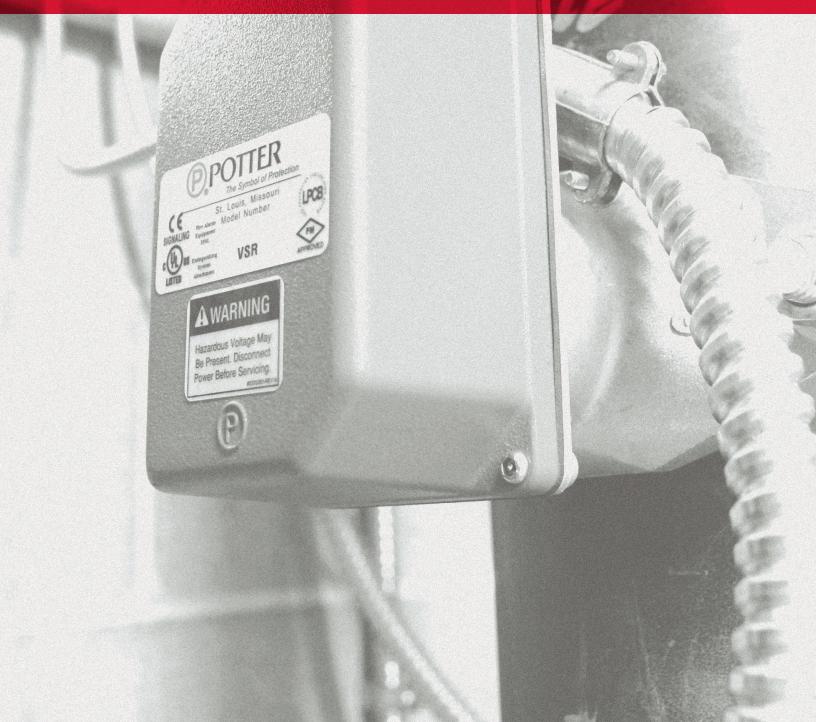
POTTER *The Symbol of Protection*

Fire Sprinkler Monitoring Product Catalog



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P



Potter Electric Signal Company, LLC

Established in 1898, Potter Electric Signal Company has earned a reputation worldwide as an elite provider of goods and services. Potter produces a wide array of products including fire sprinkler monitoring systems, electronic fire systems, and vault and safe security systems. With more than 120 years of sprinkler monitoring experience, Potter is also the trusted source for corrosion testing, monitoring, and treatment with our comprehensive suite of corrosion solutions.

At Potter, not only do we supply our customers with products that provide real world solutions for their unique needs, we strive to provide them unequaled service and technical support.

At Potter you will always receive prompt dependable service from our dedicated team of professionals.

Every employee at Potter is committed to providing you, the customer, the peace of mind in knowing that when you purchase our products, you are providing your customers the very best product available for the protection of life and property.

Potter is THE Symbol of Protection.



Potter Electric Signal Company, LLC 1609 Park 370 Place St. Louis, MO 63042

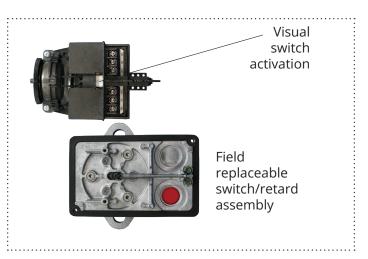
> 866.572.3005 Tech Support: 866.956.0988 www.pottersignal.com

Canada: 888.882.1833 Asia/Pacific: 65.9682.8998



Flow Switches



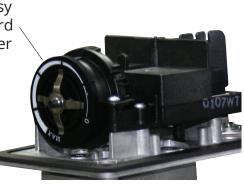




Two knockouts for access to separate low and high voltage wiring chambers

> One knockout factory removed and covered with easily removable plug for faster installation.

Updated easy to read retard dial for better accuracy





Non-Corrosive Saddle Bushing eliminates water to metal contact eliminating the possibility of corrosion





VSR Waterflow Alarm Switch

- NEMA 4 enclosure
- Also available in NEMA 4X corrosion resistant models as VSR-CR
- Factory installed neoprene gasket
- 0-90 second field replaceable pneumatic retard
- 450 psi system pressure rated
- Schedule 5-40 pipe
- Synchronized switch action
- 5-year warranty
- Listings: UL, cUL, FM, LPCB, CSFM, and CE

VSR-EU: 30 second retard and is VdS, EN 12259-5 and LPCB approved



VSR-S Waterflow Alarm Switch Small Pipe

- NEMA 4 enclosure
- Factory installed neoprene gasket
- 0-90 second field replaceable pneumatic retard
- 300 psi system pressure rated
- Two 1/2" KOs for dual voltage applications
- 1" NPT threaded brass bushing fits pipe sizes 1"-2"
- Ideal for both commercial and residential applications.
- 5-year warranty
- Listings: UL, cUL, and CSFM

VSR-S EU is EN 12259-5 and LPCB approved and has a 1" $\ensuremath{\mathsf{BSPT}}$ threaded bushing





VSR-AT Waterflow Alarm Switch with Auto Test Feature

- Performs functional test without discharging water
- Conserves water
- Eliminates environmental concerns from sprinkler system discharge
- Reduces corrosion
- Test is initiated by ATC Key switch or any addressable fire panel
- Operates on 24 vdc power from fire panel
- Listings: UL, cUL, FM

VSR-AT (EU): 30 second retard and is EN 12259-5 and LPCB approved

Auto Test Control Plate

- Initiates Auto Test feature in VSR-AT
- Momentary push button test switch
- Key switch to enable/disable the push button
- LED indicator



Flow Switches







VSR-SG/ST Waterflow Alarm Switch With Union

- NEMA 4 enclosure
- Factory installed neoprene gasket
- 0-90 second field replaceable pneumatic retard
- 175 psi system pressure rated
- 1" male CPVC fitting or 1" NPT bushing
- Fits CPVC pipe sizes 1", 1 ¼", 1 ½", and 2"
- Special fitting allows for installation in confined spaces
- 5-year warranty
- Listings: UL, cUL, CSFM, and CE

VSR-C Waterflow Alarm Switch For Copper Pipe

- NEMA 4 enclosure
- Factory installed neoprene gasket
- 0-90 second pneumatic retard
- 175 psi system pressure rated
- Non-corrosive saddle bushing
- Two 1/2" KOs for dual voltage applications
- Pipe Sizes: 2", 2 1⁄2", 3", 4" for type K, L, and M copper pipe
- 5-year warranty
- Listings: UL, CSFM

VSR-FE-2 Waterflow Alarm Switch With Electronic Retard

- NEMA 4 enclosure
- Factory installed neoprene gasket
- 0-90 second electronic retard
- 450 psi system pressure rated
- Non-corrosive saddle bushing
- Two ½" KOs for dual voltage applications
- Pipe schedules 10-40 Sizes 2"-8"
- 5-year warranty
- Listings: UL, ULC and FM

FSBS Flowswitch Bypass Switch

- Allows sprinkler system to be filled without activating waterflow alarm or fire panel
- While waterflow alarm signal is bypassed, FSBS causes a trouble indication on the fire panel
- Eliminates need to coordinate schedules with alarm companies and sprinkler tech's
- Provides visual indication of the FSBS selected mode: Normal or Bypass
- Indicates status of the monitored Flowswitch
- Key operated to prevent unauthorized use
- Compatible with any flowswitch, local indicating appliance and fire panel
- Listings: UL, cUL



Flow Switches









VS-SP

Special Application Waterflow Switch Without Retard

- NEMA 4 enclosure
- Factory installed neoprene gasket
- 250 psi system pressure rated
- One SPDT (Form C) contact second set of contacts optional
- 1" NPT threaded brass bushing fits pipe sizes 1"-2"
- 12 paddles provided for use on plastic, copper, and schedule 40
- 5-year warranty
- Listings: UL, cUL, CSFM, and CE*

*CE model has 1" BSPT threaded bushing

VSG

Waterflow Alarm Switch For Low Flow

- NEMA 4 enclosure
- Factory installed neoprene gasket
- 0-90 second electronic retard
- 450 psi system pressure rated
- Non-corrosive saddle bushing
- Two 1/2" KOs for dual voltage applications
- Pipe Sizes 2", 2 1/2", 3", 4"
- Operates at 4 GPM, specially designed for water mist systems
 - 5-year warranty
- Listings: UL and CSFM

WFSR-F

Pressure Activated Waterflow Alarm Switch With Retard

- NEMA 4 enclosure
- For wet systems utilizing alarm check valves
- Factory installed neoprene gasket
- 0-90 second pneumatic retard
- 175 psi system pressure rated
- ½" male NPT fitting
- Eliminates the need for retard chambers
- Two ½" KOs for dual voltage applications
- 5-year warranty
- Listings: UL, cUL, CSFM, FM, VdS, and CE

RD13 Series

Residential Riser

- Service pressure up to 175 psi
- Drain and test valve
- Pressure gauge
- Service usage, NFPA 13D &13R
- Sizes: 1", 1 ¼", 1 ½", 2"
- 5-year warranty on VSR-SG
- Available with or without VSR-SG Flowswitch. Model without flowswitch includes a removable cap for installing the flowswitch at a later date.

Pressure Switches



PS Series Pressure Type Waterflow Alarm/Supervisory Switch

- Weather/UV/Flame/Shock resistant high impact composite cover
- Factory installed neoprene gasket
- Pressure range: 4-15 psi (PS10), 5-30 psi (PS15), 10-60 psi (PS25 & PS40), 25-175 psi (PS120)
- 300 psi system pressure rated
- ½" male NPT fitting
- Two ½" knockouts for dual voltage applications
- Isolated wiring chambers eliminate NEC questions regarding multi-voltage applications
 - Factory set for operation at:
 - PS10 Pressure Increase at 6 psi
 - PS15-2 Pressure decrease at 10 psi, Pressure increase at 20 psi
 - PS25-2 Pressure decrease at 18 psi, Pressure increase at 28 psi
 - PS40-1 Pressure Decrease at 30 psi
 - PS40-2 Pressure Increase at 50 psi, Pressure Decrease at 30 psi
 - PS120-1 Pressure Decrease at 110 psi
 - PS120-2 Pressure Increase at 130 psi, Pressure Decrease at 110 psi
- 5-year warranty
- Listings: UL, cUL, CSFM, FM, LPCB, and CE

'VdS' is listed with UL, FM, VdS, CUL, LPCB, and CSFM





Pressure Switches



PS15 Pressure Supervisory Switch for Low Pressure Systems

- Weather/UV/Flame/Shock resistant high impact composite cover
- Factory installed neoprene gasket
- 300 psi system pressure rated
- Pressure range 5-30 psi
- ½" male NPT fitting
- Two ½" knockouts for dual voltage applications
- Isolated wiring chambers eliminate NEC questions regarding multi-voltage applications
- Factory set for operation at 20 psi on pressure increase and 10 psi on pressure decrease
- 5-year warranty
- Listings: UL, ULC, CSFM, FM, LPCB, and CE
- Typically used on low pressure systems



BVL Lever Type Bleeder Valve

- For use as a test valve for supervisory pressure switches on dry pipe and preaction sprinkler systems
- Should be installed in-line with pressure switch and gauge
- Convenient means for removal or testing the pressure actuated device without affecting the pressure in the system
- Saves time and testing cost by reducing testing process to just operating a quarter-turn ball valve
- ½" NPT connections
- Recommended for Nitrogen Systems to conserve Nitrogen and reduce wear on generators





CoilKeeper[™] Supervisory Switch

- Complies with NFPA 13 requirements for actuator supervision of solenoid valves on preaction/deluge systems
- Simplifies testing of actuators
- Provides visual indication of solenoid coil state and the releasing circuit status via LEDs
- Detects the removal of the solenoid coil from the valve actuator
- Detects open or shorted coils
- Can be mounted at the solenoid or remotely
- Required for all military and government projects per UFC
 Listings: UL, cUL, and CE marked

*Not intended for use on addressable release modules



Solenoid Coil Properly Installed

When the solenoid coil is properly installed, pressing reset on the CoilKeeper clears any previous supervisory signal to the fire panel and indicates a normal state

Solenoid Coil Improperly Installed

If the solenoid coil is improperly installed on the actuator, the CoilKeeper indicates a supervisory condition to the fire panel. Ensure the coil is properly installed on the actuator and reset the CoilKeeper and the fire panel per the manufacturer's instructions to clear the supervisory condition.



Solenoid Coil Missing

The CoilKeeper also indicates a supervisory condition if the solenoid coil is completely removed. The CoilKeeper latches the supervisory condition until the solenoid coil is properly installed and CoilKeeper is reset, which clears the supervisory indication.

Remote Installation

In addition to direct installation onto the solenoid, the CoilKeeper can be remotely mounted within five feet of the solenoid valve. Wires attach to the included sense bracket and clamp to complete a circuit through the coil.

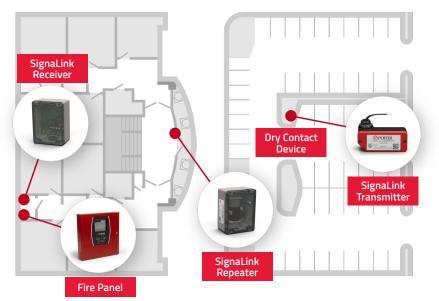






SignaLink[™] Bridge Wireless Supervisory System

- Compatible with any dry-contact switch
- Compatible with any fire alarm panel
- Eliminates trenching parking lots
- Ideal for temporary systems during construction
- Supervises wiring to connected devices
- 2.4 GHz band and repeaters for long range operation
- Setup Tool for assisting installation and troubleshooting





OSYSU-1 & 2 Outside Screw & Yoke Valve Supervisory Switch

- NEMA 6P (Submersible)
- Factory installed neoprene gasket
- OSYSU-1: One set of SPDT (Form C)
- OSYSU-2: Two sets of SPDT (Form C)
- Fits 1/2"-12" valves
- Adjustable stainless steel trip rod cuts installation time by 75%
- Mounting nuts with captive washers reduces installation time
- Installs on OS&Y valves in any position
- 5-year warranty
- Listings: UL, cUL CSFM, FM, and CE





PCVS-2 Control Valve Supervisory Switch

- NEMA 6P (Submersible)
- Factory installed neoprene gasket
- PCVS-2: Two sets of SPDT (Form C)
- 1/2" male NPT fitting
- Fully adjustable stainless steel trip rod
- Installs on wall and post indicator valves, butterfly valves in any position
- 5-year warranty
- Listings: UL, cUL, CSFM, FM, and CE



OSYSU-2 CRH

Outside Screw & Yoke Valve Supervisory Switch with 316 Stainless Steel Hardware

• The OSYSU-CRH provides additional corrosion protection on top of the NEMA 4X enclosure with 316 stainless steel mounting hardware.



PCVS-2 CRH Control Valve Supervisory Switch with 316 Stainless Steel Hardware

• The PCVS-CRH provides additional corrosion protection on top of the NEMA 4X enclosure with 316 stainless steel mounting hardware.



WLS Tank Water Level

- NEMA 4 enclosure
- Detection range before 3" rise/ before 3" fall of water level
- Detection of 12" drop in water level
- Maximum pressure 175 psi
- Used on steel or wooden tanks
- Works on pressure or gravity tanks
- Listings: UL, and CSFM





Valve shown for reference only.



RBVS Retrofit Ball Valve Switch

- Monitors alarm line ball valves
 - Monitors standard and "T" style valve handles
 - Perfect for backflow preventers 1" 2"
 - NEMA 4 rated enclosure for indoor and outdoor use
 - Fits virtually any 1/2" 2" ball valve
 - Optional cover tamper switch
 - US Patent 6,945,509
 - Meets NFPA requirements 13, 2010, 18.17.1 and IBC/IFC 2009, 903.4
 - Listings: UL, cUL, and FM Approved
 - Can also be used to supervise coils on solenoids

PTS-C Plug Type Supervisory Switch

- NEMA 6P submersible
- Factory installed neoprene gasket
- SPDT contacts 100mA at 28 VDC/AC, 250mA at 12 VDC/AC
- SPDT cover tamper 250mA at 28 VDC/AC
- Dimensions 7"L x 3.75"W x 3"D (including bracket)
- Temperature rating -40°F to 140°F
- 5-year warranty
- Listings: UL, cUL, FM, and CSFM
- For non-rising stem valves and other special applications





RTS-O/C Room Temperature Switch

- Warns of potential sprinkler pipe freezing or other cold detection applications
- White ABS enclosure
- Epoxy sealed stainless steel case, bimetallic operating mechanism sensor
- Silver clad contacts
- RTS-O: Normally Open
- RTS-C: Normally Closed
- Temperature setting: 40°F ±5°F, 5°C ±3°C
- UL and cUL listed for fire sprinkler supervisory service

TTS Tank Temperature Switch

- NEMA 4 enclosure
- Operates at 40°F and 140°F
- Available for steel or wood tanks
- Listings: UL, FM, and CSFM



Corrosion Testing



Bac-Pak

- Easy do-it-yourself test
- Tests for the three most common MIC causing bacteria
- Water in vial changes to color of lid, if bacteria present



Water Test Kit

- Complete MIC analysis through water sample
- Kit comes with prepaid return envelope for analysis
- Complies with NFPA 13, requiring MIC testing of water supply
- Detailed report of findings is issued within 2 weeks



5-Year Deposit/Sludge Test Kit

- Designed to conform to the requirements of NFPA 25 requiring testing for MIC if slime or tubercles are discovered during an internal inspection
- Kit comes with prepaid return envelope for analysis
- Detailed report of findings is issued within 2 weeks



Dry System Corrosion Solutions



IntelliGen[™] Nitrogen Generators

- The only line of intelligent nitrogen generators for fire sprinkler systems
- Controller software monitors pressure, runtime, power, connectivity, and operational mode to ensure the unit is working at optimal performance
- Air fill and nitrogen purge automation
- Leak rate detection and trouble notification
- Web monitoring and email capabilities
- Ranging in size from small wall-mount units, to large modular units capable of supervising a total system capacity of 24,000 gallons
- FM Approved

INS-PV IntelliPurge[®] Nitrogen Purge Valve

- Automatically purges corrosive oxygen from fire sprinkler systems
- Built in nitrogen analyzer for continuous monitoring of N2 levels in the sprinkler system.
- Local display allows visual indication of nitrogen level and purge time
- IntelliDry purge mode for ice plug and freezer application
- Network up to 26 INS-PVs to any IntelliGen nitrogen generator
- Optional INS-RA remote annunciator available
- Includes UL listed and FM approved float type vent for fire protection service (175 PSI service pressure rating) that automatically closes when water reaches the vent in the event of a system activation

IntelliCheck™

Advanced Leak Rate Monitor

- Automated NFPA 13 and NFPA 25 leak rate testing
- IntelliView[™] compatible for remote monitoring via internet
- Monitors existing systems or new systems
 - Monitors any individual or common supervisory gas source - Nitrogen generators
 - Air compressors
 - Tank gas systems
 - Assists in isolating system leaks

NAMD

Nitrogen Air Maintenance Device

- Designed for use with nitrogen generators and air compressors
- Assembled in USA using corrosion resistant components
- No power required for operation
- Provided with a corrosion resistant mesh screen (50 or 60 mesh) to prevent the entry of particles into the regulator and sprinkler system
- Manual bypass to allow quick filling of sprinkler systems after operation or maintenance
- FM Approved, cUL and UL Listed, CE Marked
- Accurate and repeatable UL Listed regulator







Wet System Corrosion Solutions



PAAR-B Potter Automatic Air Release (Patented)

- Helps eliminate air/water interface line where corrosion thrives
- Mechanical fail safe Water Shutoff Valve
- Electrically supervised Water Shutoff Valve
- Visual indication of Water Shutoff Valve operation
- Prevents damage from water spray, drips, or leaks from air vent
- Complete unit ready to install at high points in sprinkler systems
 UL listed and FM approved air vent for use on fire sprinkler branch lines
- Meets NFPA 13 Code requirement for air venting



PAV Potter Air Vent

- Provides automatic venting of trapped air in fire sprinkler systems
- Limits oxygen corrosion when placed at the high point(s) of the systems
- UL listed and FM approved air vent for use on fire sprinkler branch lines
- Meet NFPA 13 Code requirement for air venting



AquaN2 Kit

Potter Air Vent

- Quickly removes oxygen from wet pipe systems, significantly reducing corrosion
- Ensures that all trapped gas pockets are 98%+ Nitrogen Gas
- Easy installation and maintenance
- Designed for fast Nitrogen fill, eliminating any necessary downtime of fire sprinkler system
- Includes both the Nitrogen Injection Manifold (NIM and Quick X-haust Manifold (QXM)



Corrosion Monitoring



PCMPK Probe Assembly with PS10-1

- Used in conjunction with any corrosion monitoring station or as a stand alone corrosion monitoring probe
- Pressure switch trips when corrosion affects probe
- Provides notification when coupons need replacement
- Patent pending
- Probe simulates 5 years of allowable pipe loss in schedule 10 pipe (FM Data Sheet 2-1)



PCMS-RM Potter Corrosion Monitoring Station Riser Mount

- For wet or dry systems
 - Installs on riser for easy access
- 3 outlets for coupons and probe
- Sight glass to view internal conditions
- Air inlet valve
- Includes one steel and one brass coupon
- Shown with optional PCMPK installed
- Patent pending
- Ships assembled
- 250 PSI rated
- Allows for inspections and samples without disabling sprinkler system



Explosion Proof Devices











PIVS-U-EX Explosion Proof Post Indicator Valve Switch

- Installs on post indicator valves and butterfly valves
- 1/2" mounting nipple
- Contact rating: 15 AMPS at 125 VAC, 1/2 AMP at 125 VDC
- -40° to 140°F
- UL listed enclosure NEMA 1, 7, 9

PIVSU-EX-O Outdoor Explosion Proof Post Indicator Valve Switch

- Installs on post indicator valves and butterfly valves
- ½" mounting nipple
- Contact rating: 15 AMPS at 125 VAC, 1/2 AMP at 125 VDC
- -13°F to 185°F
- UL listed enclosure NEMA 1, 3, 4, 4X, 6, 6P, & 13 IP66 and 67

OSYS-U-EX Explosion Proof OS & Y Switch - Universal

- Installs on OS & Y valves ½"-2"
- Contact rating: 15 Amps at 125 VAC, 1/2 Amp at 125 VDC
- -40° to 140°F
- UL listed enclosure NEMA 1, 7, 9

OSYSU-EX-O Outdoor Explosion Proof OS & Y Switch

- Installs on OS & Y valves 1/2"-2"
- Contact rating: 15 Amps at 125 VAC, 1/2 Amp at 125 VDC
- -13°F to 140°F
- UL listed enclosure NEMA 1, 3, 4, 4X, 6, 6P, and 13 IP66 and 67
- Water tight, dust tight, and corrosion resistant for outdoor use

PS10-EX and PS40-EX

Explosion Proof Pressure Switches

- NEMA 4 and 9 solid metal enclosure
- 300 psi system rated pressure
- ¹/₂" NPT male brass fitting
- PS10-EX set for operation at:
 - Two switches operate on pressure increase at 6 psi Two switches operate on pressure decrease at 5 psi
- PS40-EX set for operation at: One switch operates on pressure decrease at 30 psi Second switch operates on pressure increase at 50 psi
- 1-year warranty
- Listings: UL, cUL, CSFM, FM, IECEx, and ATEX



Explosion Proof Devices



VSR-FEX Explosion Proof Vane Type Waterflow Switch

- NEMA 4 and 9 solid metal enclosure
- 0-90 second pneumatic retard
- 450 psi system pressure rated
- Non-corrosive saddle bushing
- Two 1/2" threaded connections for conduit
- Pipe schedules 10-40 sizes 2"-8"
- 1-year warranty
- Listings: UL, cUL, CSFM, ATEX, and FM











FSEX-24 PMR **Explosion Proof Strobe**

- 24 VDC
- Corrosion resistant housing
- Indoor or outdoor mounting
- Polarized
- Listings: UL and CSFM

FHEX-24 SMR

Explosion Proof Horn

- 24 VDC
- Heavy duty, copper free cast aluminum housing ٠
- NEMA 4X, IP66 enclosure
- Listings: UL and cUL

YL6 **Explosion Proof Horn/Strobe**

- 24 VDC
- Low current draw
- Aluminum enclosure
- Flash rate of one per second
- 110 dB at one meter sounder
- Listings: UL and cUL

RMS-6T-EXP-WP

Explosion Proof Pull Station

- Marine & NEMA 4X rated
- Weather proof
- ADA compliant
- Allen Key reset
- DPDT switch
- Screw terminal connections Listings: UL, FM, and CSFM



Releasing Panels



PFC-4410G3 Water or Agent Extinguishing Panel

- Fully programmable for single or multiple hazards with cross zoning and logical operations
- Seven Programmable Class B Initiating Circuits
- Four Class B Output Circuits
- 4 x 20 LCD display with 37 system status LEDs
- Integrated Battery Meter
- On board menu-drive programming or laptop programming
- 4000 Event History Buffer
- Walktest with Automatic Time-out
- Alarm, Trouble, Supervisory, and Waterflow/Discharge confirmation relays
- Listings: UL, ULC, FM, CSFM, and NYC Fire Department Certificate of Approval



RCDS-PM

Releasing Circuit Disable Switch

- Meets requirements of NFPA 72 and 2001
- Mounts inside PFC-4410G3 enclosure
- No key required due to mounting in a locked enclosure
- Compatible with any 24VDC system
- Available in 1 or 2 switch models
- Listings: UL and cUL



RA-4410G3

LCD Annunciator

- 4 line by 20 Character LCD
- Separate LED's for: Alarm Supervisory and Trouble per zone, Outputs activated or in trouble
- Common buttons for navigation
- Common LEDs for system status indication
- 31 annunciator per panel
- Maximum wire length of 6,500 feet
- Listings: UL, cUL, CSFM, FM, and MEA



Releasing Panels



Abort Switch

- One N.O. momentary contact
- 5 Amps @ 24 VDC (10 mA minimum)
- Indoor use only
- Listings: UL and cUL
- Available with blue button for Canada



MRS Main/Reserve Switch

- For agent suppression systems when uninterrupted protection is required
- Complies with NFPA 12, 12A, 17, and 2001
- Provides visual indication of connection to Main or Reserve
- Key protected with key removable in either position



RCDS-1 Releasing Circuit Disable Switch

- One N.O. key operated switch
- 4 Amps @ 120/240 VAC 2.5 Amps @ 125 VAC
 24 VDC 50 mA
- 24 VDC 50 mA
- Indoor use only
- Creates supervisory condition on associated release panel
- Replaces software controlled disconnect
- Temperature range -22°F to 140°F (-30°C to 60°C)
- Complies with NFPA 72 requirements
- Listings: UL and cUL



MAS Manual Pull/Abort Station Combination

- Perfect for agent suppression systems
- UL, cUL Listed, FM Approved
- No disassembly required
- Plate mounts to box with just 2 screws
- Backbox included
- Optional flush mount plate
- Standard with Red or Yellow agent release pull stations
- Available without pull station installed for use with RMS series stations



PFC-6075R Addressable Releasing Panel

- Built in SLC capable of supporting 75 devices
- 5.0 Amp 24vdc Power Supply
- 2 NACs each rated at 3.0 Amps max
- 2 I/O Circuits each rated at 1.0 Amps max
- Listed for manual release abort or release circuit
- Support for all major synchronization patterns
- Built-in Ethernet port for programming and network connectivity
- Built-in email support for system status and event information
- P-Link RS-485 bus supports system accessories
- 1,000 event non-volatile history buffer
- Listed with pre-action, deluge, and agent systems
- UL listed, CSFM, NYC Fire Department Certificate of Approval



RA-6075R LCD Annunciator

- Used with PFC-6075R
- 32 character LCD display
- Compact metal box with key lock
- Identical keypad to PFC-6075R
- Release and Pre-Release LED's to indicate releasing status





Notification Appliances



Multitone Mini Horn 12-24 VDC **MHT** Series

- Terminal/4-wire models
- . Sound output 97dB
- Single gang plate
- 12-24 VDC
- Listings: UL and ULC



Multitone Mini Horn 120 VAC **MT** Series

- Piezo Sounder for Fire Alarm Indoor applications
- Low current and High Sound Output •
- Wide range operating temperature 32°F to 120°F (0°C to 50°C) •
- Ideal for Residential or Commercial application
- 6 3/4" wire leads for Easy field wiring
- Jumper selectable temporal 3 or continuous tone •
- Multitone feature allows selection of Temporal 3 evacuation tone as requred by NFPA 72 or steady tone



Electronic Horn

EH 24 Series

- Red or white
- . Chime, whoop, mechanical, or 2400HZ sound output
- Indoor/outdoor listed (with weatherproof back box)
- Pre-wire back plate
- Universal back plate mounting Listings: UL and CSFM
- Surface back box available



Selectable Candela Strobe & Strobe/ Horn S-24 & HS-24

- 24 VDC with 15, 30, 60, 75, or 110 cd settings
- 5 candela settings per device •
- Sound output settings including chime
- Candela selection view window
- Pre-wire back plate
- Low current draw
- Listings: UL, ADA and CSFM



Notification Appliances



Mini Horn HP-25 Series

- Terminal/4-wire models
- Sound output 97dB
- ٠ Single gang plate
- 12-24 VDC •
- 15 mA current draw
- Temporal and non-temporal patterns
- Listings: UL and ULC



Ceiling Strobe & Strobe/Horn CS & CHS

- Selectable 15, 30, 75, 95, 115, or 150 candela
- Low current draw •
- 24 VDC input
- Pre-wire back plate
- High/low dB
- Designed for wall and ceiling mount
- Surface mount CLNG-BB •
- Listings: UL, CSFM, ADA •



Outdoor Strobe & Strobe/Horn SLP & HSLP

- 12 VDC with 15, 35, or 60 cd setting 24 VDC with 15, 35, 60, 75, 95, or 110 cd setting
- 6 candela settings per device with selection view window
- 33 sound output settings
- 15/75 ADA compliant on 60 cd setting
- Pre-wire back plate with universal back plate mounting
- Listings: UL and cUL



Notification Appliances



SPRINKLER FIRE-ALARM

Weatherproof Select-A-Strobe/Horn® SH-120 Series

- 120 VAC operation
- Low current draw
- 6 sound output settings •
- Indoor and outdoor use
- Includes BBX-5 backbox
- Listings: UL and CSFM

SASH Series Select-A-Strobe/Horn®/Sign

- SASH-120, 115 VAC
- 90dBA at 10 ft.
- Indoor and outdoor use
- Weatherproof backbox included with both models
- UL Listed Strobe/Horn



Sync Module **AVSM**

- Operates with S-24, HS-24, CS, and CHS series
- Synchronize horn and strobe with the use of only two wires
- Unlimited number of modules that can be synchronized
- Rated for 3 amps continuous current and 5 amps surge
- Synchronizes to 1Hz flash rate



Bells PBA-AC & PDC-DC

- Red powder coating finish
- •
- Sizes available: 6", 8", 10" Available voltage: 24 VAC, 120 VAC, 12 VDC, 24 VDC
- Service Use: fire alarm, general signal, burglar alarm Environment: -40° to 150°F, indoor or outdoor use (outdoor use requires weatherproof backbox BBK-1)
- 5-year warranty
- Listings: UL, ULC (MBA bells only), and CSFM



Digital Communicators



PFC-6006 Sprinkler Monitoring Panel

- Built-in IP and Dual line DACT communications
 - 6 programmable initiating device circuits (1 class A and 5 class B)
- 2 wire smoke detector capability
 - 0.5 amp NAC circuit, 0.5 amp Aux Power circuit
- Email capabilities for events and reminders
 - Quadrasync support
- Listings: UL, cUL, CSFM, and NYC Fire Department Certificate of Approval



RA-6006 (Canada Only) LCD Annunciator

- 32 character LCD display
- Communicates using RS-485 connection
- Used on the PFC-6006 Sprinkler Monitoring Panel
- Up to 4 can be connected using Class B wiring



RA-6075 LCD Annunciator

- 32 character LCD display
- Communicates using RS-485 connection
- Used on any PFC-6000 Panel
- Connect up to 31 to each P-Link Circuit



Conventional Detectors





- Low profile 2"
- 2 or 4 wire base
- Sounder & relay base available
- 2 built-in power alarm LEDs
- With or without magnetic test (MRI Rooms)*
- Vandal resistant locking feature
- Automatic sensitivity verification feature complies with NFPA 72, Chapter 2 & 7, Inspection, Testing and Maintenance requirements.
- Base not included
- Listings: UL, ULC, CSFM and FM

*Model without magnetic test feature is CPS-24N

BPS Series Baseless Smoke Residential

- 12 or 24 VDC
- BPS-2, 2 wire baseless photo electric smoke
- BPS-4, 4 wire baseless photo electric smoke
- White or eggshell color
- With heat available
- Base not included
- Listings: UL, ULC, CSFM and FM •

Heat Detector CR-135W, CF-135W, CR-200W, CF-200W

- Available in 135°F and 200°F fixed temperature or with rate of rise
- Rate of rise responds to rise in temperature of approximately 15°F/min
- Other models available upon request
- Listings: UL, ULC, CSFM and FM •



Duct Detector DSD Series

- Photoelectric DSD-P •
- Powered by 115 VAC, 24 VAC or 24 VDC
- •
- (2) 10A Form C alarm contacts Wide variety of remote accessories •
- WP-1 enclosure provides outdoor installations against rain, sleet, and snow
- Comes with sampling tubes
- Listings: UL and CSFM



Sampling Tubes

- STS-2.5 duct sampling tube
- STS-5.0 duct sampling tube
- STS-10 duct sampling tube



Pull Stations

*Canadian Model: P32-1TS





Fire Pull Station

P32-1T Series*

- Single or dual contact
- Terminal connections
- Allen Key reset
- Standard single gang mounting
- 10 Amp snap action switch
- Optional auxiliary relay contacts
- High gloss red enamel finish
- Glass breakrod
- Surface back boxes available
- Listings: UL, ULC, ADA, CSFM and FM



Dual Action

P32-1T-LP

- Single contact
- Allen Key reset
- Standard single gang mounting
- 10 Amp snap action switch
- Optional auxiliary relay contacts
- High gloss red enamel finish
- Glass breakrod
- Surface and weatherproof back boxes available
- Listings: UL, ULC, ADA, CSFM and FM

Special Application

- Colors available: Black, blue, green, grey, orange, purple, red, white or yellow
- Single or dual action, single or double contact
- Terminal connectors
- Glass breakrod
- 10 Amp snap action switch
- Brass or chrome plating
- Custom labeling in any language
- Weatherproof and explosion proof models available
- Made in the U.S.A.
- Listings: UL, ULC, ADA, CSFM, and FM

Weatherproof

RMS-1T-WP

- Single or dual action
 - Optional key reset
- Weatherproof back box included
- 10 Amp snap action switch
- Optional auxiliary relay contacts
- High gloss red enamel finish
- Glass breakrod
- Single or double contact
- Listings: UL, ULC, ADA, CSFM and FM





Product List

Flow Switches Stock # Model # Description 1144402 VSR-2 Waterflow alarm switch for 2" pipe 1144425 VSR-21/2 Waterflow alarm switch for 2 1/2" pipe 1144403 VSR-3 Waterflow alarm switch for 3" pipe 1144435 VSR-31/2 Waterflow alarm switch for 3 1/2" pipe 1144404 VSR-4 Waterflow alarm switch for 4" pipe 1144405 VSR-5 Waterflow alarm switch for 5" pipe 1144406 VSR-6 Waterflow alarm switch for 6" pipe 1144408 VSR-8 Waterflow alarm switch for 8" pipe 1144410 VSR-10 Waterflow alarm switch for 10" pipe 1116102 VSR-AT-2 Waterflow alarm switch (w/ auto-test) for 2" pipe VSR-AT-21/2 1116125 Waterflow alarm switch (w/ auto-test) for 2 1/2" pipe 1116103 VSR-AT-3 Waterflow alarm switch (w/ auto-test) for 3" pipe 1116135 VSR-AT-31/2 Waterflow alarm switch (w/ auto-test) for 3 1/2" pipe VSR-AT-4 1116104 Waterflow alarm switch (w/ auto-test) for 4" pipe 1116105 VSR-AT-5 Waterflow alarm switch (w/ auto-test) for 5" pipe 1116106 VSR-AT-6 Waterflow alarm switch (w/ auto-test) for 6" pipe 1116108 VSR-AT-8 Waterflow alarm switch (w/ auto-test) for 8" pipe 1144440 VSR-S Waterflow alarm switch for 1" thru 2" pipe 1144460 VSR-SG Waterflow alarm switch with union for 1" thru 2" pipe Waterflow alarm switch with threaded union for 1" thru 1144465 VSR-ST 2" pipe 1144450 VSR-C-2 Waterflow alarm switch for 2" copper pipe VSR-C-21/2 1144451 Waterflow alarm switch for 2 1/2" copper pipe 1144452 VSR-C-3 Waterflow alarm switch for 3" copper pipe 1144453 VSR-C-4 Waterflow alarm switch for 4" copper pipe 1029030 Replacement retard for waterflow alarm switch VSR-FE2-2 1116002 Waterflow alarm switch with electronic retard 2" pipe 1116025 VSR-FE2-21/2 Waterflow alarm switch with electronic retard 21/2" pipe VSR-FE2-3 1116003 Waterflow alarm switch with electronic retard 3" pipe VSR-FE2-31/2 1116035 Waterflow alarm switch with electronic retard 31/2" pipe 1116004 VSR-FE2-4 Waterflow alarm switch with electronic retard 4" pipe VSR-FF2-5 1116005 Waterflow alarm switch with electronic retard 5" pipe 1116006 VSR-FE2-6 Waterflow alarm switch with electronic retard 6" pipe VSR-FE2-8 1116008 Waterflow alarm switch with electronic retard 8" pipe 1111100 VS-SP Special application waterflow switch without retard 1116051 VSG-21/2 Waterflow alarm switch for low flow 2 1/2" (73 mm) pipe VSG-21/2 1116052 Waterflow alarm switch for low flow 2 ½" (76.1 mm) pipe 1010080 WFSR-F Pressure activated waterflow alarm switch with retard 1119067 RD13-1 Residential riser without check valve for 1" pipe 1119077 RD13-1.25 Residential riser without check valve for 1 1/4" pipe 1119087 RD13-1 50 Residential riser without check valve for 1 ½" pipe 1119097 RD13-2 Residential riser without check valve for 2" pipe

Pressure Switches & Peripherals

Stock #	Model #	Description
1340103	PS10-1	Pressure type waterflow alarm and supervisory switch one contact. Pressure Increase at 6 psi.
1340104	PS10-2	Pressure type waterflow alarm and supervisory switch two contacts. Pressure Increase at 6 psi.
1340415	PS15-2	High/low pressure switch two contacts. Pressure decrease at 10 psi, pressure increase at 20 psi.
1340425	PS25-2	High/low pressure switch two contacts. Pressure decrease at 18 psi, pressure increase at 28 psi.
1340403	PS40-1	High/low pressure switch one contact. Pressure Decrease at 30 psi.
1340404	PS40-2	High/low pressure switch two contacts. Pressure Increase at 50 psi, pressure Decrease at 30 psi
1341005	PS100-2	Pressure type waterflow alarm and supervisory switch two contacts. Pressure decrease at 90 psi.
1341203	PS120-1	High/low pressure switch one contact. Pressure Decrease at 110 psi.
1341204	PS120-2	High/low pressure switch two contactsy. Pressure Increase at 130 psi, pressure Decrease at 110 psi.
1000018	BVL	Lever type bleeder valve
1370080	PCS	Pump control switch
1370010	ADPS-300-1B	Adjustable deadband pressure switch w/ brass connection
1370000	ADPS-300-1B-O	Adjustable deadband pressure switch w/ brass connection open frame

Tamper & Supervisory Switches

Stock #	Model #	Description
1010201	PTS-C	Plug type supervisory switch
1010117	WLS	Tank water level switch
1010108	RTS-O	Room temperature switch normally open
1010109	RTS-C	Room temperature switch normally closed
1010040	TTS-S	Tank temperature switch for steel tank
1010041	TTS-W	Tank temperature switch for wood tank
1010102	OSYSU-1	Outside screw & yoke valve supervisory switch one contact
1010202	OSYSU-2	Outside screw & yoke valve supervisory switch two contacts
1010210	OSYSU-2 CRH	Ouside screw & yoke valve supervisory switch two contacts with Corrosion Resistant Hardware
1010203	PCVS-2	Control valve supervisory switch two contacts
1010211	PCVS-2 CRH	Control valve supervisory switch two contacts with Corrosion Resistant Hardware
1000065	RBVS	Retrofit ball valve switch
1010500	CoilKeeper 10	Coil Supervisory Switch
1010525	CoilKeeper 25	Coil Supervisory Switch
3008040	SignaLink Bridge	Wireless Supervisory System

Product List



Corrosion Solutions

Stock #	Model #	Description
1119172	BAC-PAK	Do-it-yourself test kit for most common water bacteria
1119178	WTK	Water test kit
1119174	Sludge Kit	5 year deposit sludge test kit
1119546	PCMS-RM	Corrosion monitoring station riser mount
0090180	PCMPK-1	Corrosion monitoring probe kit riser mount & dry pipe models
1030001	PAAR-B	Automatic air release
1119720	PAV	Air vent
1119650	INS-100	Nitrogen Generator 100-120VAC 1P
1119651	INS-100	Nitrogen Generator 200-240VAC 1P
1119604	INS-250	Nitrogen Generator 115-120VAC 1P
1119605	INS-250	Nitrogen Generator 230-240VAC 1P
1119607	INS-500	Nitrogen Generator 115-120VAC 1P
1119608	INS-500	Nitrogen Generator 230-240VAC 1P
1119656	INS-600	Nitrogen Generator 115-120VAC 1P
1119657	INS-600	Nitrogen Generator 220-240VAC 1P
1119611	INS-1000	Nitrogen Generator 230-240VAC 1P
119612	INS-1000	Nitrogen Generator 230-240VAC 3P
119612	INS-1000	Nitrogen Generator 460-480VAC 3P
1119614	INS-1500	Nitrogen Generator 200-208VAC 3P
1119615	INS-1500	Nitrogen Generator 230-240VAC 3P
1119616	INS-1500	Nitrogen Generator 460-480VAC 3P
1119617	INS-2000	Nitrogen Generator 200-208VAC 3P
1119618	INS-2000	Nitrogen Generator 230-240VAC 3P
1119620	INS-2000	Nitrogen Generator 460-480VAC 3P
1119647	INS-2500	Nitrogen Generator 200-208VAC 3P
1119648	INS-2500	Nitrogen Generator 230-240VAC 3P
1119649	INS-2500	Nitrogen Generator 460-480VAC 3P
1119661	INS-QFC	Quick Fill Compressor, 110VAC 1P
1119660	NAMD	Advanced Air Maintenance Device
1119784	NGP-SPV	Standard Purge Valve
1119478	INS-PV	IntelliPurge Purge Valve
1119664	IntelliCheck	Advanced Leak Rate Monitor

Explosion Proof Devices

Stock #	Model #	Description
1010122	PIVSU-EX	Explosion proof post indicator valve switch
1010120	OSYSU-EX	Explosion proof OS & Y switch
1010121	OSYSU-EX-O	Outdoor Explosion proof OS & Y switch
1350102	PS10-EX	Explosion proof pressure switch 4-20 PSI
1350402	PS40-EX	Explosion proof pressure switch 10-175 PSI
1113202	VSRF-EX-2	Explosion proof vane type waterflow switch 2"
1113225	VSRF-EX-2 ½	Explosion proof vane type waterflow switch 2 ½"
1113203	VSRF-EX-3	Explosion proof vane type waterflow switch 3"
1113235	VSRF-EX-3 ½	Explosion proof vane type waterflow switch 3 ½"
1113204	VSRF-EX-4	Explosion proof vane type waterflow switch 4"
1113205	VSRF-EX-5	Explosion proof vane type waterflow switch 5"
1113206	VSRF-EX-6	Explosion proof vane type waterflow switch 6"
1113208	VSRF-EX-8	Explosion proof vane type waterflow switch 8"
1430501	FSEX-24PMR	Explosion proof strobe
1430500	FHEX-24SMR	Explosion proof horn
1430510	YL6	Explosion proof horn/strobe
1000400	RMS-6T-EXP-WP	Explosion & weather proof pull station

Releasing Panel

	0	
Stock #	Model #	Description
3006735	PFC-4410G3	Water or agent extinguishing panel
3006461	PFC-6075R	75 Point Addressable Releasing Panel
3006462	RA-6075R	LCD Remote Releasing Annunciator
3001000	Abort Switch	Abort Switch
3001002	RCDS-1	Releasing Circuit Disable Switch
3004726	ARM-1	Auxiliary Relay Module
3006740	RA-4410G3	LED Annunciator
5130080	BT6-4	Battery 6V, 4AH
5130092	BT-40	Battery 12V, 4AH
5130084	BT-80	Battery 12V, 8AH
5130090	BT-120	Battery 12V, 12AH
5130086	BT-180	Battery 12V, 18AH
5130097	BT-260	Battery 12V, 26AH

Notification Appliances

Stock #	Model #	Description
4890001	MHT-1224R	Multitone mini horn 12/24V red
4890002	MHT-1224W	Multitone mini horn 12/24V white
4890003	MHT-1224PR	Multitone mini horn 12/24V plain red
4890004	MHT-1224PW	Multitone mini horn 12/24V plain white
1610226	MTR-120MH	Multitone mini horn 120V red
1610227	MTW-120MH	Multitone mini horn 120V white
4550014	HP-25TR	Mini horn terminal 12/24V red
4890005	EH-24R	Horn Red
4890006	EH-24W	Horn White
4890007	EH-24PR	Horn Plain Red
4890008	EH-24PW	Horn Plain White

Product List



Digital Communicators

Stock #	Model #	Description
3003011	PFC-6006	Sprinkler monitoring panel
3006448	RA-6006	Remote Annunciator for PFC-6006 (Canada)
3006458	RA-6075	LCD annunciator

Conventional Smoke & Heat Detectors

Stock #	Model #	Description
1430036	CPS-24	Photoelectric smoke detector
1430006	BPS-2	Baseless smoke detector residential 2 wire eggshell
1430026	BPS-2W	Baseless smoke detector residential 2 wire white
1430007	BPS-4	Baseless smoke detector residential 4 wire eggshell
1430029	BPS-4W	Baseless smoke detector residential 4 wire white
1000140	CR-135W	Heat detector 135° rate-of-rise
1000142	CF-135W	Heat detector 135° fixed temperature
1000141	CR-200W	Heat detector 200° fixed temperature/rate-of-rise
1000143	CF-200W	Heat detector 200° fixed temperature
1430009	DSD-P	Photoelectric duct detector
1000266	STS-2.5	Duct sampling tube 2 ½ ft.
1000468	STS-5.0	Duct sampling tube 5 ft.
1000263	STS-10	Duct sampling tube 10 ft.

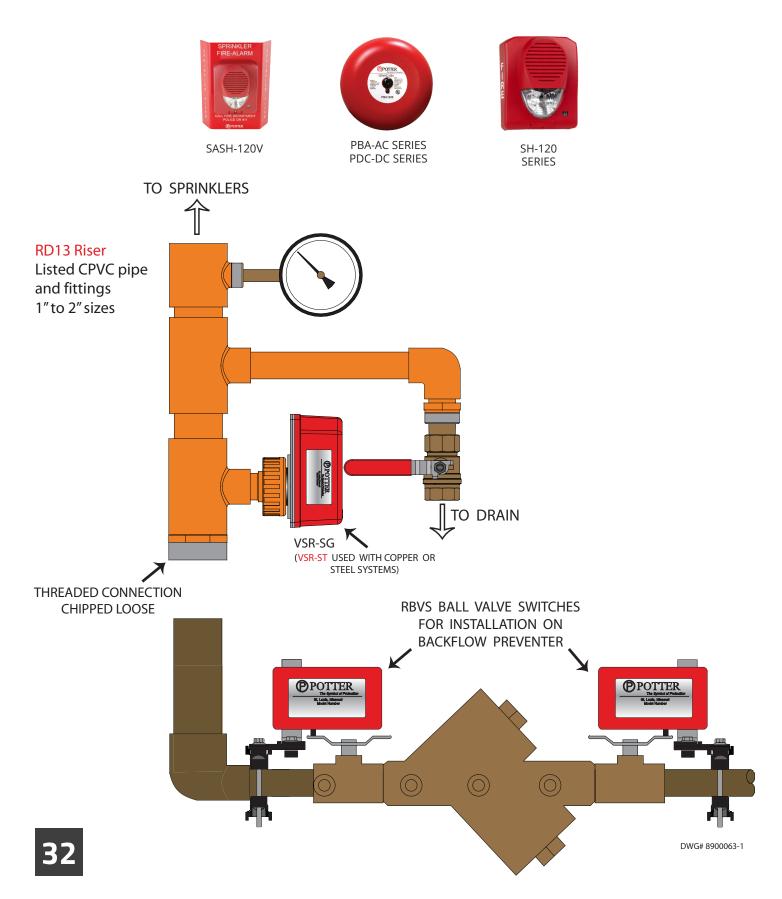
Pull Stations

Stock #	Model #	Description
1000447	P32-1T	Pull station single action
1000476	P32-1T-LP	Pull station dual action
1000401	RMS-1T-WP	Pull station weather proof

Notes

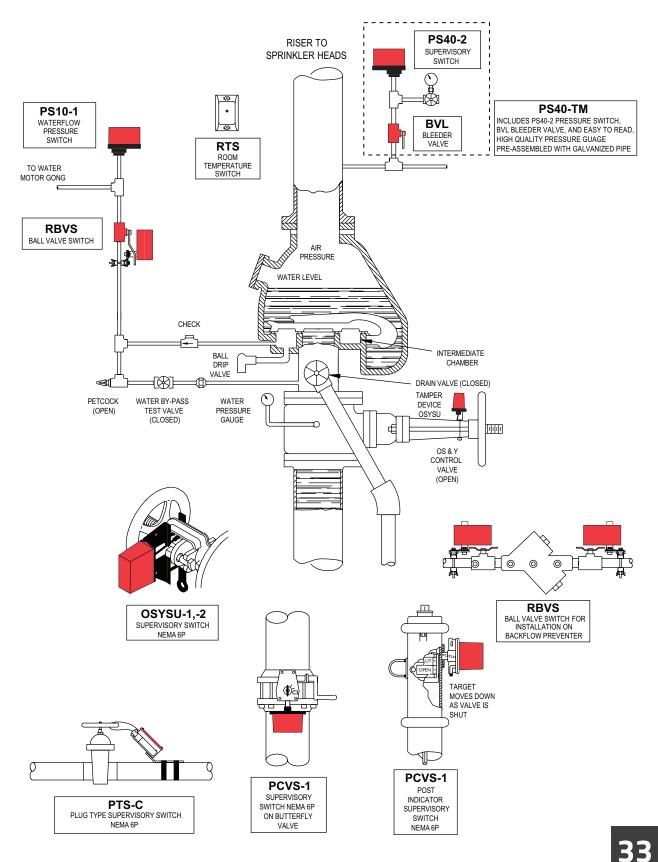


Residential waterflow switch applications:





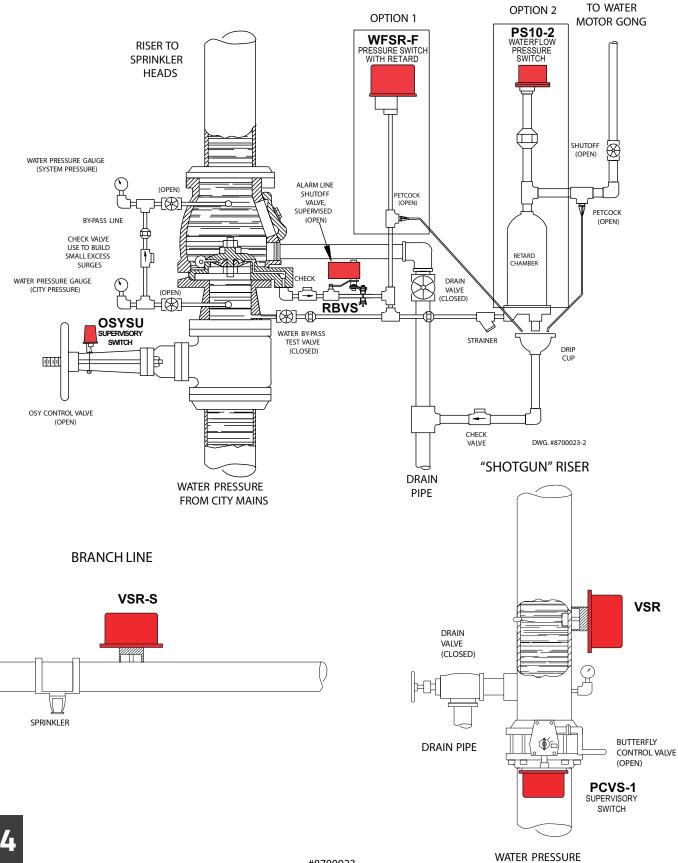
Dry pipe valve system waterflow alarm installation:





Wet pipe sprinkler systems:



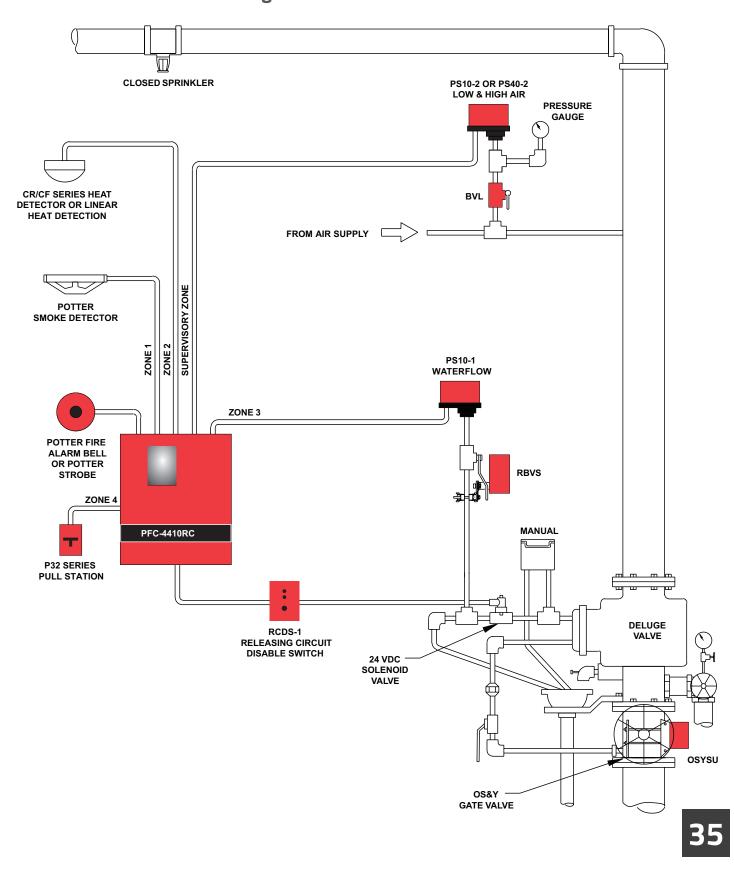


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FROM CITY MAINS



Pre-action deluge system Single zone/electric cross zone:





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