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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 110 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 unequalled 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.
Flow Switches

Updated easy to read retard dial for better accuracy

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

Visual switch activation

Field replaceable switch/retard assembly

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.

VSR
Waterflow Alarm Switch

- NEMA 4 solid metal enclosure
- 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, NYMEA, and CE

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

VSR-S
Waterflow Alarm Switch Small Pipe

- NEMA 4 solid metal 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" threaded brass bushing fits pipe sizes 1"-2"
- Ideal for both commercial and residential applications.
- 5-year warranty
- Listings: UL, cUL, CSFM, and NYMEA

VSR-S EU is EN 12259-5 and LPCB approved

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

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

VSR-AT
Waterflow Alarm Switch with Auto Test Feature
**VSR-SG/ST**  
**Waterflow Alarm Switch With Union**  
- NEMA 4 solid metal enclosure  
- Factory installed neoprene gasket  
- 60-second field replaceable pneumatic retard  
- 175 psi system pressure rated  
- 1” male CPVC fitting or 1” NPT bushing  
- Fits CPVC pipe sizes 2”, 2 ½”, 3”, and 4”  
- Special fitting allows for installation in confined spaces  
- 5-year warranty  
- Listings: UL, cUL, CSFM, NYMEA, and CE

**VSR-C**  
**Waterflow Alarm Switch For Copper Pipe**  
- NEMA 4 solid metal enclosure  
- Factory installed neoprene gasket  
- 0-90 second pneumatic retard  
- 175 psi system pressure rated  
- Non-corrosive saddle bushing  
- Two ½” KOIs for dual voltage applications  
- Pipe Sizes: 2”, 2 ½”, 3”, 4” for type K, L, and M copper pipe  
- 5-year warranty  
- Listings: UL, CSFM, and NYBSA

**VSR-FE-2**  
**Waterflow Alarm Switch With Electronic Retard**  
- NEMA 4 solid metal enclosure  
- Factory installed neoprene gasket  
- 0-90 second field replaceable pneumatic retard  
- 450 psi system pressure rated  
- Non-corrosive saddle bushing  
- Two ½” KOIs for dual voltage applications  
- Pipe schedules 10-40 Sizes 2”-8”  
- 5-year warranty  
- Listings: UL, cUL, FM, and NYBSA

**VS-SP**  
**Special Application Waterflow Switch Without Retard**  
- NEMA 4 solid metal enclosure  
- Factory installed neoprene gasket  
- 250 psi system pressure rated  
- 0-90 second pneumatic retard  
- One SPDT (Form C) contact second set of contacts optional  
- 1” solid brass threaded bushing  
- Twelve paddles provided for use on plastic, copper, and schedule 40  
- 5-year warranty  
- Listings: UL, cUL, CSFM, and CE

**VSG**  
**Waterflow Alarm Switch For Low Flow**  
- NEMA 4 solid metal enclosure  
- Factory installed neoprene gasket  
- 0-90 second electronic retard  
- 450 psi system pressure rated  
- Non-corrosive saddle bushing  
- Two ½” KOIs for dual voltage applications  
- Pipe Sizes: 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 solid metal enclosure  
- 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” KOIs for dual voltage applications  
- 5-year warranty  
- Listings: UL, cUL, CSFM, NYBSA, and CE

**RD13**  
**Residential Riser**  
- Service pressure up to 175 psi  
- UHI includes VSR-SG  
- Drain and test valve  
- Pressure gauge  
- Service usage, NFPA 13D & 13R  
- Sizes: 1”, 1 ¼”, 1 ½”, 2”  
- 5-year warranty on VSR-SG
PS Series
Pressure Type Waterflow Alarm/Supervisory Switch

- NEMA 4 solid metal enclosure
- Factory installed neoprene gasket
- Pressure range: 4-15 psi (PS10), 5-30 psi (PS40), 10-60 psi (PS120)
- 300 psi system pressure rated
- ½” male NPT fitting
- Two ½” knockouts for dual voltage applications
- Separate isolated wiring chambers eliminate NEC questions regarding multi-voltage applications
- Factory set for operation at:
  - PS10: Pressure Increase at 6 psi, Pressure Decrease at 5 psi
  - PS15-2: Pressure decrease at 10 psi, Pressure increase at 20 psi
  - PS40-1: Pressure Increase 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, LPC, NYMEA, and CE

‘VdS’ is listed with UL, FM, VdS, cUL, LPCB, and CSFM

PS-TM Series
Completely Pre-Assembled Low Pressure Test Module

- For use on dry pipe and pre-action systems
- Available with PS40-2 or PS15-2 for low pressure systems
- Includes pressure switch, BVL bleeder valve, and easy to read, high quality, pressure gauge pre-assembled with galvanized pipe
- Meets the requirement of NFPA 72, 2016, 17.16.2 and NFPA 25, 2014, 13.4.4.2.6
- Eliminates accidental tripping of the dry pipe valve during testing
- Saves time and money on inspections and testing
- Recommended for Nitrogen Systems to conserve Nitrogen and reduce wear on generators

PS15
Pressure Supervisory Switch for Low Pressure Systems

- NEMA 4 solid metal enclosure
- 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
- Separate 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, LPC, NYMEA, and CE
- Typically used on excess 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
- ½” NPT connections
- Recommended for Nitrogen Systems to conserve Nitrogen and reduce wear on generators

PCS/ADPS
Pump Control Switch/Adjustable Deadband Pressure Switch

- Independent set and reset points
- Adjustable operating range 25–300 PSIG
- 12 PSI minimum deadband
- NEMA 4X enclosure for indoor or outdoor use
- Horsepower rating:
  - PCS: 1/2 HP
  - ADPS: 1/8 HP
- Listings: UL, CE, and CSA
Tamper Switches

**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
- Fully 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, NYMEA, and CE

**OSYSU-2 CRH**
Outside Screw & Yoke Valve Supervisory Switch with Corrosion Resistant Hardware

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

**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, NYMEA, and CE

**PCVS-2 CRH**
Control Valve Supervisory Switch with Corrosion Resistant Hardware

- The PCVS-CRH provides additional corrosion protection on top of the NEMA 4X enclosure with corrosion resistant mounting hardware.
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, NYMEA, and CSFM
- For non-rising stem valves and other special applications

WLS  
Tank Water Level

- NEMA 4 solid metal 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, NYMEA, and CSFM

RTS-O/C  
Room Temperature Switch

- Designed to warn 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

RBVS  
Retrofit Ball Valve Switch

- Monitors alarm line ball valves
- Perfect for backflow preventers 1” - 2”
- Mounts on standard & “T” style valves
- 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, NYMEA, and FM Approved

TTS  
Tank Temperature Switch

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

**Potter Nitrogen Generators**
- Slows oxygen corrosion
- Ultra low dew point
- Convenient, on demand generation of nitrogen
- Environmentally friendly
- Simple installation

**INS-PV**
- IntelliPurge® Nitrogen Purge Valve
  - Automatically purges corrosive oxygen from a fire sprinkler system
  - 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
  - Unique IntelliDry purge mode for ice plug and freezer application
  - 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

**INS-RA**
- IntelliPurge® Remote Annunciator for INS-PV
  - Intuitive software allows easy control of up to 27 INS-PV Potter IntelliPurge® Nitrogen Purge Valves
  - 4x40 LC23 display with LED's for Power and Trouble conditions
  - Displays INS-PV operational history
  - Allows scheduled purging for multiple riser systems
  - Key lock and passcode protected
**PAAR-B**
Potter Automatic Air Release (Patented)

- Helps eliminate air/water interface line where corrosion often thrives
- Mechanical fail safe Water Shutoff Valve
- Electrically supervised Water Shutoff Valve
- Prevents damage from water spray, drips, or leaks from air vent
- Complete unit ready to install at high points in the sprinkler system
- UL listed and FM approved air vent for use on fire sprinkler branch lines
- Meet 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)

**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

**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)
**PIVS-U-EX**  
Explosion Proof Post Indicator Valve Switch  
- Installs on post indicator valves and butterfly valves  
- 1/8” mounting nipple  
- Contact rating: 15 AMPS at 125 VAC, 1/2 AMP at 125 VDC  
- -40°F 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  
- 1/8” 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, 9 & 13, IP66 and 67

**OSYS-U-EX**  
Explosion Proof OS & Y Switch - Universal  
- Installs on OS & Y valves 1/2”-2”  
- Contact rating: 15 Amps at 125 VAC, 1/2 Amp at 125 VDC  
- -40°F 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 185°F  
- UL listed enclosure NEMA 1, 3, 4, 4X, 6, 6P, and 13

**PS10-EX and PS40-EX**  
Explosion Proof Pressure Switches  
- NEMA 4 and 9 solid metal enclosure  
- 300 psi system rated pressure  
- 1/8” 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, NYMEA, and ATEX

**VSR-FEX**  
Explosion Proof Vane Type Waterflow Switch  
- NEMA 4 and 9 solid metal enclosure  
- 0-30 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, CSFM and MEA approved

**FHEX-24 SMR**  
Explosion Proof Horn  
- 24 VDC  
- Heavy duty, copper free cast aluminum housing  
- 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, CSFM, and NYMEA
**PFC-4410RC**

**Water or Agent Extinguishing Panel**
- 4 Class B programmable initiating zones and outputs
- Compatible with up to 10,000’ of Linear Heat Detection per zone
- 2 dedicated Class B supervisory zones
- 32 character LCD display, 34 LED display
- 20 pre-configured programs
- On-board programming
- 40 event history buffer
- Single or double interlock
- Single or dual hazard
- Alarm, trouble, supervisory, and waterflow relays standard
- 1 abort circuit
- Listings: UL, ULC, FM, CSFM, and NYMEA

**PFC-6075R**

**Addressable Releasing Panel**
- Built in SLC capable of supporting 75 Potter/Nohmi protocol devices
- 0.0 Amp 24Vac 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
- 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
- Provides Release and Pre-Release LED’s to indicate releasing status

**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

**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 supply
- Key protected with key removable in other 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
- 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

**RA-4410RC**

**Remote Annunciator**
- Up to 4 annunciators can be connected to each PFC-4410RC
- Rotary switches on panel and annunciator to supervise
- Trouble/Supervisory buzzer
- Separate LED’s for various alarms
- Lamp test/buzzer silence switch
- Listings: UL, cUL, CSFM, FM, and MEA

**ARM-44**

**Relay Module**
- Provides 8 Form C relay outputs
- Selectable latching or common setting
- Multiple operating modes
- Listings: UL, cUL, CSFM, FM, and MEA when used in conjunction with the PFC-4410RC

**Arm 1 & Arm 2**

**Auxiliary Relay Modules**
- 40mA at 24 VDC
- 10 amps resistive
- 120/240 VAC, 0-30 VDC
- 4 DPDT contacts (ARM-1)
- DPDT contacts (ARM-2)
- Listings: UL (PFC-4410RC), FM (PFC-4410RC)—ARM-2 only
Notification Appliances

Remote Mini-Horn
MH Series
- Terminal/4-wire models
- Sound output 97dB
- Single gang plate
- 12-24 VDC and 120 VAC
- 15 mA current draw
- Listings: UL and ULC

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
- 6 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

Remote Mini-Horn
HP-25 Series
- Terminal/4-wire models
- Sound output 97dB
- Single gang plate
- 12-24 VDC
- 15 mA current draw
- Terminal 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 ONG-BB
- Listings: UL, CSFM, MEA, 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
**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-12/24 VDC
- 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
- No limit to the number of modules that can be synchronized together
- Rated for 3 amps continuous current and 5 amps surge
- Synchronizes to 1Hz flash rate

**Bells**  
**PBA-AC & MBA-DC**
- Red powder coating finish
- Sizes available: 6", 8", 10"
- Available voltages: 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), CSFM, and MEA

**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, and CSFM

**RA-6006 (Canada Only)**  
**LCD Annunciator**
- 32 character LCD display
- Communicates using RS-485 connection
- Used on the PFC-6000 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**

**PS-24**
- Photoelectric Smoke Detector
- Low profile 1.8"
- 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
- Test feature
- Base not included
- Listings: UL, ULC, CSFM and FM

**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

**PS-24H**
- Photoelectric Smoke/Heat Detector
  - 135°F self-restoring fixed temperature
  - Low profile 1.8"
  - Built-in power alarm LED
  - Vandal resistant locking base
  - Test feature
  - Base not included
  - Listings: UL, ULC, CSFM and FM

**Heat Detector**
  - 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

**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

**Pull Stations**
- RMS-1T-WP
  - Single contact
  - Allen Key reset
  - Standard single gang mounting
  - 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**
- Pull Stations
  - 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**
- 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

*Canadian Model: P32-1TS

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
Flow Switches

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1144401</td>
<td>VSR-2</td>
<td>Waterflow alarm switch for 2&quot; pipe</td>
</tr>
<tr>
<td>1144402</td>
<td>VSR-2½</td>
<td>Waterflow alarm switch for 2½&quot; pipe</td>
</tr>
<tr>
<td>1144403</td>
<td>VSR-3</td>
<td>Waterflow alarm switch for 3&quot; pipe</td>
</tr>
<tr>
<td>1144404</td>
<td>VSR-3½</td>
<td>Waterflow alarm switch for 3½&quot; pipe</td>
</tr>
<tr>
<td>1144407</td>
<td>VSR-6</td>
<td>Waterflow alarm switch for 6&quot; pipe</td>
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<tr>
<td>1144409</td>
<td>VSR-8</td>
<td>Waterflow alarm switch for 8&quot; pipe</td>
</tr>
<tr>
<td>1144410</td>
<td>VSR-10</td>
<td>Waterflow alarm switch for 10&quot; pipe</td>
</tr>
<tr>
<td>1144411</td>
<td>VSR-12</td>
<td>Waterflow alarm switch for 12&quot; pipe</td>
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Pressure Switches & Peripherals

<table>
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<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1340103</td>
<td>PS10-1</td>
<td>Pressure type waterflow alarm and supervisory switch two contacts</td>
</tr>
<tr>
<td>1340104</td>
<td>PS10-2</td>
<td>Pressure type waterflow alarm and supervisory switch two contacts</td>
</tr>
<tr>
<td>1340403</td>
<td>PS40-1</td>
<td>High flow pressure switch one contact</td>
</tr>
<tr>
<td>1340404</td>
<td>PS40-2</td>
<td>High flow pressure switch two contacts</td>
</tr>
<tr>
<td>1119101</td>
<td>PS40-TM</td>
<td>Completely pre-assembled low flow test module</td>
</tr>
<tr>
<td>1119102</td>
<td>PS40-TMT</td>
<td>Completely pre-assembled low flow test module</td>
</tr>
<tr>
<td>1341303</td>
<td>PS120-1</td>
<td>High flow pressure switch one contact</td>
</tr>
<tr>
<td>1341304</td>
<td>PS120-2</td>
<td>High flow pressure switch two contacts</td>
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Corrosion Solutions

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<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
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<tr>
<td>1119172</td>
<td>BAC-PNK</td>
<td>Do-it-yourself test kit for most common water solutions</td>
</tr>
<tr>
<td>1119173</td>
<td>WTK</td>
<td>Water test kit</td>
</tr>
<tr>
<td>1119174</td>
<td>Sludge Kit</td>
<td>5 year deposit test kit</td>
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Nitrogen Generators

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1113202</td>
<td>VSRF-EX-2</td>
<td>Explosion proof vane type waterflow switch 2&quot;</td>
</tr>
<tr>
<td>1113203</td>
<td>VSRF-EX-2½</td>
<td>Explosion proof vane type waterflow switch 2½&quot;</td>
</tr>
<tr>
<td>1113204</td>
<td>VSRF-EX-3</td>
<td>Explosion proof vane type waterflow switch 3&quot;</td>
</tr>
<tr>
<td>1113235</td>
<td>VSRF-EX-3 ½</td>
<td>Explosion proof vane type waterflow switch 3 ½&quot;</td>
</tr>
<tr>
<td>1113236</td>
<td>VSRF-EX-4</td>
<td>Explosion proof vane type waterflow switch 4&quot;</td>
</tr>
<tr>
<td>1113237</td>
<td>VSRF-EX-6</td>
<td>Explosion proof vane type waterflow switch 6&quot;</td>
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Tamper & Supervisory Switches

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<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>1011017</td>
<td>TWS</td>
<td>Tank water level switch</td>
</tr>
<tr>
<td>1011038</td>
<td>RTS-3</td>
<td>Room temperature switch normally open</td>
</tr>
<tr>
<td>1011039</td>
<td>RST-3</td>
<td>Room temperature switch normally closed</td>
</tr>
<tr>
<td>1011040</td>
<td>TTS-S</td>
<td>Tank temperature switch for steel tank</td>
</tr>
<tr>
<td>1011041</td>
<td>TTS-W</td>
<td>Tank temperature switch for wood tank</td>
</tr>
<tr>
<td>1012010</td>
<td>CBSYU-1</td>
<td>Outside screw &amp; yoke valve supervisory switch one contact</td>
</tr>
<tr>
<td>1012023</td>
<td>CBSYU-2</td>
<td>Outside screw &amp; yoke valve supervisory switch two contacts</td>
</tr>
<tr>
<td>1012027</td>
<td>CBSYU-2 CPR</td>
<td>Outside screw &amp; yoke valve supervisory switch two contacts with ComNav Residential Hardware</td>
</tr>
<tr>
<td>1012033</td>
<td>PCVS-2</td>
<td>Control valve supervisory switch two contacts</td>
</tr>
<tr>
<td>1012037</td>
<td>PCVS-2 CPR</td>
<td>Control valve supervisory switch two contacts with ComNav Residential Hardware</td>
</tr>
</tbody>
</table>

Relieving Panel

<table>
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<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>3080643</td>
<td>FPC-4110RC</td>
<td>Water or agent extinguishing panel</td>
</tr>
<tr>
<td>3080645</td>
<td>FGD-20TR</td>
<td>75 Point Addressable Relieving Panel</td>
</tr>
<tr>
<td>3080642</td>
<td>RA-47TR</td>
<td>LCD Remote Releasing Annunciator</td>
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</table>

Nitrogen Generators

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>4890005</td>
<td>EH-24R</td>
<td>Horn Red</td>
</tr>
<tr>
<td>4890006</td>
<td>EH-24PW</td>
<td>Horn White low profile weather proof</td>
</tr>
<tr>
<td>4890007</td>
<td>EH-24PR</td>
<td>Horn Plain Red</td>
</tr>
<tr>
<td>4890008</td>
<td>EH-24PRW</td>
<td>Horn Plain White</td>
</tr>
<tr>
<td>4890023</td>
<td>S-240WR</td>
<td>Wall selectable strobe Red</td>
</tr>
<tr>
<td>4890027</td>
<td>S-240W</td>
<td>Wall selectable strobe White</td>
</tr>
<tr>
<td>4890028</td>
<td>S-240PR</td>
<td>Wall selectable strobe Plain Red</td>
</tr>
<tr>
<td>4890029</td>
<td>S-240PRW</td>
<td>Wall selectable strobe Plain White</td>
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Detection Sensors

<table>
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<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>5130820</td>
<td>BT-80</td>
<td>Battery 6V, 4AH</td>
</tr>
<tr>
<td>5130821</td>
<td>BT-120</td>
<td>Battery 12V, 4AH</td>
</tr>
<tr>
<td>5130836</td>
<td>BT-180</td>
<td>Battery 12V, 18AH</td>
</tr>
</tbody>
</table>

Product List

Notication Appliances

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>3004152</td>
<td>ARM-1</td>
<td>Auxiliary Relay Module</td>
</tr>
<tr>
<td>3004153</td>
<td>ARM-2</td>
<td>Auxiliary Relay Module</td>
</tr>
<tr>
<td>3006221</td>
<td>ARM-44</td>
<td>B From C Relay Board 5FPC-4110RC</td>
</tr>
<tr>
<td>3008403</td>
<td>RA-4110RC</td>
<td>Remote Annunciator</td>
</tr>
</tbody>
</table>

Product List
## Product List

### Digital Communicators

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000311</td>
<td>PFC-6026</td>
<td>Sprinkler monitoring panel</td>
</tr>
<tr>
<td>3000448</td>
<td>RA-6200</td>
<td>Remote Annunciator for PFC-6026 (Canada)</td>
</tr>
<tr>
<td>3008458</td>
<td>RA-6215</td>
<td>LCD annunciator</td>
</tr>
</tbody>
</table>

### Conventional Smoke & Heat Detectors

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1430211</td>
<td>PS-24</td>
<td>Photoelectric smoke detector</td>
</tr>
<tr>
<td>1430306</td>
<td>BPS-2</td>
<td>Baseless smoke detector residential 2 wire</td>
</tr>
<tr>
<td>1430306</td>
<td>BPS-2W</td>
<td>Baseless smoke detector residential 2 wire white</td>
</tr>
<tr>
<td>1430307</td>
<td>BPS-4</td>
<td>Baseless smoke detector residential 4 wire</td>
</tr>
<tr>
<td>1430307</td>
<td>BPS-4W</td>
<td>Baseless smoke detector residential 4 wire white</td>
</tr>
<tr>
<td>1430312</td>
<td>PS-2411</td>
<td>Photoelectric smoke/heat detector</td>
</tr>
</tbody>
</table>

### Pull Stations

<table>
<thead>
<tr>
<th>Stock #</th>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000447</td>
<td>FSZ-1T</td>
<td>Pull station single action</td>
</tr>
<tr>
<td>1000476</td>
<td>FSZ-1LP</td>
<td>Pull station dual action</td>
</tr>
<tr>
<td>1000401</td>
<td>RMS-1T-WP</td>
<td>Pull station weather proof</td>
</tr>
</tbody>
</table>
Residential waterflow switch applications:

- SH-1224 SERIES
- MBA-DC SERIES
- PBA-AC SERIES

TO SPRINKLERS

RD13 Riser
Listed CPVC pipe and fittings
1" to 2" sizes

TO DRAIN

VSR-SG
(VSR-ST used with copper or steel systems)

RBVS BALL VALVE SWITCHES
FOR INSTALLATION ON BACKFLOW PREVENTER

Dry pipe valve system waterflow alarm installation:

- PS40-Z SUPERVISORY SWITCH
- RBVS BALL VALVE SWITCH
- RTS ROOM TEMPERATURE SWITCH
- PS40-TM SUPERVISORY SWITCH
- PS40-TM INCLUDES PS40-2 PRESSURE SWITCH, BVL BLEEDER VALVE, AND EASY TO READ, HIGH QUALITY PRESSURE GAUGE, PRE-ASSEMBLED WITH GALVANIZED PIPE

PS10-1 WATER-SHUT-OFF PRESSURE SWITCH
- TO WATER MOTOR USING
- TO DRAIN

AIR PRESSURE

INTERMEDIATE CHAMBER

DRAIN VALVE (CLOSED)

TAMPER DEVICE

OSYSU-1,-2 SUPERVISORY SWITCH NEMA 6P

OS & Y CONTROL VALVE

OPEN

PS10-1 SUPERVISORY SWITCH

PS40-2 SUPERVISORY SWITCH

RBVS BALL VALVE SWITCH

PCVS-1 POST INDICATOR SUPERVISORY SWITCH NEMA 6P

PCVS-1 SUPERVISORY SWITCH NEMA 6P

PTS-C PLUS-THE-TARGET SUPERVISORY SWITCH NEMA 6P

WATERLEVEL

WATER BY-PASS TEST VALVE

(CLOSED)

WATER PRESSURE GAUGE

WATER PRESSURE GAUGE

PETCOCK (OPEN)

WATER PRESSURE GAUGE

(OPEN)

WATER PRESSURE GAUGE

TO SPRINKLER HEADS

RISER TO SPRINKLER HEADS

TARGET MOVES DOWN AS VALVE IS SHUT
Wet pipe sprinkler systems:

**ALARM CHECK VALVE**

**OPTION 1**
- Wet pipe sprinkler system: VSR-S
  - Sprinkler
  - Branch Line
  - Drain Pipe
  - Water Pressure from City Mains

**OPTION 2**
- VSR
  - PS10-2 with retarding switch
  - Alarm line
  - Drip Cup

**TO WATER MOTOR GONG**

**OPTION 2**
- PS10-2
  - Pressure switch
  - with retard
  - Waterflow switch
  - With alarm line
  - Shut-off valve, supervised
  - Petcock
  - Alarm line
  - Shut-off valve
  - Water pressure gauge: System pressure
  - Check valve
  - Use to build small excess
  - By-pass line
  - Water pressure gauge: City pressure
  - Check valve
  - Drain pipe
  - Water pressure from city mains

**OPTION 1**
- Drain pipe
- Water pressure from city mains

**RETARD CHAMBER**
- Petcock
- Drip cup
- Check valve
- Strainer

**DRAWING #8700023-2**

Pre-action deluge system

**Single zone/electric cross zone:**

- Pre-action deluge system: PS10-2 or PS40-2
  - Low & high air pressure gauge
  - BVLCR/CF series heat detector or linear heat detection
  - Potter smoke detector
  - Zone 1
  - Zone 2
  - Supervisory zone
  - Zone 3
  - PS10-1
  - Waterflow
  - Potter fire alarm bell or Potter strobe
  - P32 series pull station
  - Release circuit
  - 24 VDC solenoid valve
  - Manual valve

**DRAWING #8700023-2**
At Potter Electric Signal Company, LLC,

QUALITY is the first order of business. Since 1898, we have served the Fire Sprinkler industry on a world-wide basis. Today, we manufacture a full line of Sprinkler Monitoring Devices and Corrosion Solutions with unmatched quality and dependability.

We strive to provide you with the finest products and technical support in the industry. You will also receive prompt service from a dedicated team of professionals. After all, you, the customer, are the most important member of that team.

So give us a call.