

Audible/Visible Notification

(More on Reverse Side)

SpectrAlert Advance Selectable Output Horn/Strobes

The Selectable Output Horn/Strobe offers a unique combination of unsurpassed performance with a pleasing, low profile aesthetic design. This horn/strobe offers dual voltage in one unit, candela settings of 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177 and 185cd, up to nine separate horn settings and low current draw.

Wall Mount	Ceiling Mount	Operating Voltage	Candela	Current Draw* @12VDC	Current Draw* @12FWR	Current Draw* @24VDC	Current Draw* @24FWR
P2RA P4RA P2WA P4WA P2RKA P4RKA	PC2WA PC4WA PC2RKA PC4RKA	12/24	15	137 mA	136 mA	79 mA	88 mA
			15/75	147 mA	155 mA	90 mA	97 mA
		24	30	N/A	N/A	107 mA	112 mA
			75	N/A	N/A	176 mA	168 mA
			95	N/A	N/A	194 mA	190 mA
110	N/A		N/A	212 mA	210 mA		
115	N/A		N/A	218 mA	218 mA		
P2RHA P4RHA P2WHA P4WHA P2RHKA P4RHKA	PC2WHA PC4WHA PC2RHKA PC4RHKA	24	135	N/A	N/A	245 mA	215 mA
			150	N/A	N/A	259 mA	231 mA
			177	N/A	N/A	290 mA	258 mA
			185	N/A	N/A	297 mA	265 mA

* Horn/Strobe current draws assume the horn is set at temporal-3, high audibility.

Add Suffix '-B' for Bilingual text, '-F' for French text, '-P' for plain**

** not ULC listed

* models are weatherproof

SpectrAlert Advance Selectable Output Strobes

Each of the Selectable Output Strobes operate at both 12 or 24 volts and offers a full compliment of candela settings, including 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177 and 185cd.

Wall Mount	Ceiling Mount	Operating Voltage	Candela	Current Draw @12VDC	Current Draw @12FWR	Current Draw @24VDC	Current Draw @24FWR
SRA SWA SRKA	SCWA	12/24	15	123 mA	128 mA	66 mA	71 mA
			15/75	142 mA	148 mA	77 mA	81 mA
		24	30	N/A	N/A	94 mA	96 mA
			75	N/A	N/A	158 mA	153 mA
			95	N/A	N/A	181 mA	176 mA
SRHA SWHA SRHKA	SCWHA SCRHKA	24	110	N/A	N/A	202 mA	195 mA
			115	N/A	N/A	210 mA	205 mA
			135	N/A	N/A	228 mA	207 mA
			150	N/A	N/A	246 mA	220 mA
			177	N/A	N/A	281 mA	251 mA
			185	N/A	N/A	286 mA	258 mA

Add Suffix '-B' for Bilingual text, '-F' for French text, '-P' for plain*

* Not ULC listed

* models are weatherproof

SpectrAlert Advance Horns and Chimes

System Sensor's Horns and chimes provides nine field-selectable settings that include high or low volume, temporal or non-temporal.

Red Model No.	White Model No.	Operating Voltage	Current Draw* @Nom.VDC	Current Draw* @Nom.FWR
HRA HRKA	HWA	12/24	57/69	55/75
CHRA	CHWA	24	48	50/51

* Horn and Chime current draws assume the horn is set at temporal-3, high audibility

* model is weatherproof

SpectrAlert Advance Sync•Circuit™ Module

The SpectrAlert Sync•Circuit Module is designed to simplify installations that require signal synchronization.

Red Model No.	White Model No.	Voltage	Avg. mA* @Nom. VDC	Avg. mA* @Nom. FWR
MDL3RA	MDL3WA	12/24	10/12 mA	12/15 mA

SpectrAlert Advance Accessories

SpectrAlert Advance devices can be adapted to nearly any application by selecting the appropriate accessory to meet the application need. Our mounting options allow our strobes, speakers, horns, chimes, and strobe combinations to be placed in new or existing construction with professional results.

Red Model No.	White Model No.	Description
SPBBS	SPBBSW	Surface mount back box skirt for ceiling mount speaker strobe
SPBBS	SPBBSW	Surface mount back box skirt for wall mount speaker strobe
RFP	RFPW	Retrofit plate for SpectrAlert Advance devices
BBS-2	BBSW-2	Surface mount back box skirt for wall mount horns, strobes, and horn strobes
BBS-2	BBSW-2	Surface mount skirt for ceiling mount horns, strobes, and horn strobes
SA-WBB	—	Wall mount, metal outdoor back box for horns, strobes, and horn strobes
SA-WBBC	—	Ceiling mount, metal outdoor back box for horns, strobes, and horn strobes
TR	TRW	Wall mount trim ring for SpectrAlert Advance speakers and speaker strobes
TRC	TRCW	Ceiling mount trim ring for SpectrAlert Advance speakers and speaker strobes
MWBB	MWBBW	Wall mount metal outdoor back box for speakers and speaker strobes
—	MWBBCW	Ceiling mount metal outdoor back box for speakers and speaker strobes

SpectrAlert Advance Selectable Chime/Strobes

The Selectable Output Chime/Strobe offers a unique combination of unsurpassed performance with a pleasing, low profile aesthetic design. This chime/strobe offers dual voltage in one unit, candela settings of 15, 15/75, 30, 75, 95, 110 and 115cd, nine separate chime settings and low current draw.

Red Model	White Model	Operating Voltage	Candela	Current Draw* @24VDC	Current Draw* @24FWR
CHSRA	CHSWA	24	15	64 mA	71 mA
			15/75	74 mA	81 mA
			30	91 mA	97 mA
			75	156 mA	157 mA
			95	181 mA	179 mA
			110	205 mA	199 mA
			115	211 mA	206 mA

* Chime/Strobe current draws assume the chime is set at temporal-3, high audibility.

Add Suffix '-B' for Bilingual text, '-F' for French text, '-P' for plain**

** not ULC listed

SpectrAlert Advance - 120 VAC Mounting Plate

The MP120KA is a mounting plate containing a power supply that converts 120VAC to 24VDC FWR. Using this unit allows you to run any 2-wire Spectralert Advanced horn, strobe, horn/strobe, chime or chime/strobe from 120VAC.

Model No.	Input Voltage Range	Input Current Max	Output Voltage	Output Current Max
MP120KA	96-132 VAC	150 mA	24 VFWR	350 mA

SpectrAlert Advance Mini-Horns and Silencable Mini-Horns

The MHR and MHW mini-horns come in versions that offer field selectable high and low volume settings, temporal or non-temporal tones, synchronization and silencing features.

Red Model No.	White Model No.	Selectable Tones and Volume	Synchronizable	Silencable	Operating Voltage	RMS Current @ 12 VDC*	RMS Current @ 24 VDC*
MHR1A	MHW1A	No	No	No	12/24	6 mA	12 mA
MHRA	MHWA	Yes	Yes	No	12/24	9 mA	16 mA
MHRZA	MHWZA	Yes	Yes	Yes	24	N/A	17 mA

* Currents at temporal, high volume setting

SpectrAlert Advance Selectable Output Speaker Strobes

The selectable output speaker strobes offer many features to reduce ground faults and make installation simple, including plug-in design with universal mounting plate, rotary switches for voltage and power settings, 11 field-selectable candela settings, and speakers for high volume. The outdoor models ship with the plastic outdoor back box and are rated from -40°F to +151°F (-40°C to +66°C) for outdoor operation. SpectrAlert Advance selectable output speaker/strobes are listed to ULC. Model numbers with a "K" suffix are listed to ULC and NEMA 4X for outdoor use.

Red Model No.	White Model No.	Candela	UL Max. Strobe Current Draw (mA RMS)	8 to 17.5 Volts DC	8 to 17.5 Volts FWR	16 to 33 Volts DC	16 to 33 Volts FWR
SPSRVA SPSCRVA	SPSWVA SPSCWVA	15	123	128	66	71	
		15/75	142	148	77	81	
		30	N/A	N/A	94	96	
		75	N/A	N/A	158	153	
		95	N/A	N/A	181	176	
		110	N/A	N/A	202	195	
SPSCRVA	SPSCWVA	115	N/A	N/A	210	205	
		135	N/A	N/A	228	207	
		150	N/A	N/A	246	220	
		177	N/A	N/A	281	251	
		185	N/A	N/A	286	258	

SpectrAlert Advance Dual Voltage Evacuation Speakers

The dual voltage (25/70.7 Vrms) evacuation speakers feature a plug-in design for reducing ground faults and allowing for fast installation. The low total harmonic distortion of the SP speaker offers high-fidelity sound output while the SPV speaker offers high-volume sound output for use in high-ambient-noise applications. The outdoor models ship with a plastic outdoor back box featuring removable side flanges and improved salt water corrosion resistance. Outdoor products are rated from -40°C to +66°C (-40°F to +151°F) and have a NEMA 4X rating. SpectrAlert Advance speakers are listed to ULC for fire protective signaling systems.

Red Model No.	White Model No.	Description
SPRA	SPWA	Wall mount speaker
SPRVA	SPWVA	Wall mount speaker, high dB
SPCRA	SPCWA	Ceiling mount speaker
SPCRVA	SPCWVA	Ceiling mount speaker, high dB
SPRKA	SPWKA	Outdoor wall mount speaker
—	SPCWKA	Outdoor ceiling mount speaker



advanced ideas. advanced solutions.™

800/736-7672
www.systemsensor.ca

At System Sensor, innovation is more than an ideal – innovation is our way of life. Every day we work to design new products that utilize the most innovative technologies in the most inventive ways, products that are more convenient to install and more efficient to operate, products that provide our customers with the highest level of reliability. In other words, we make it our business to develop advanced ideas that deliver advanced solutions.

This product guide is a full listing of our products, divided into four areas:

- HVAC Systems Monitoring - the Innovair™ line and other speciality detectors designed to detect smoke in the air duct network.
- Conventional Detection - a complete line of smoke detectors led by the innovative i³ series™.
- Audible/Visible Notification - the SpectrAlert® Advance line, the industry's newest, most refined series of notification devices.
- Sprinkler Systems Monitoring - products designed to sense the flow of water through pipes, switches and valves.

Or you can visit our website at www.systemsensor.ca for all the information found here, plus manuals and catalogue sheets

HVAC Systems Monitoring

During a fire, an HVAC system can circulate toxic gasses and smoke throughout a building — unless that building is equipped with InnovairFlex™ duct smoke detectors. Overcome Mounting Constraints – InnovairFlex housings can accommodate multiple installation footprints, including rectangular, square, and anything in between. Reduce Installation Time – Sampling tubes can be installed from the front or back of the detector without the need for tools or hardware. Additional conduit openings, improved wiring space, and high-contrast terminal designations simplify the installation process further. Simplify Testing and Maintenance – On 4-wire models an easy access test/reset button simplifies system testing, and Power, Trouble, Maintenance, and Alarm LEDs assure quick and convenient status checks. The cover missing trouble signal, now included on all models, assures system integrity.



Model	Description	Wiring	Air Velocity Range	Operating Temp. Range	Operating Voltage	Alarm Current	Auxiliary Contact
D2A	Photoelectric low-flow duct smoke detector	2-wire	100-4000 ft/min	-4° to 158°F (-20° to 70°C)	12/24 VDC	130 mA max	—
D4120A	Photoelectric low-flow duct smoke detector	4-wire	100-4000 ft/min	-4° to 158°F (-20° to 70°C)	24 VAC/DC or 120 VAC	65 mA max at 24 VDC	2 Form C Auxiliary

Model	Description	Operating Voltage
RA400ZA	Remote annunciator for spot and duct smoke detectors	3.1-32 VDC
RTS451A	Remote test station accessory	2.8-32 VDC (Alarm LED)
RTS451KEYA	Remote test station accessory with key reset	14-32 VDC (Power LED); 2.8-32 VDC (Alarm LED)
RTC100	Remote test coil kit with low-profile ring (includes RTS451 remote test station)	—
DST1	InnovairFlex sampling tube for ducts up to 1 foot	
DST1.5	InnovairFlex sampling tube for ducts 1 to 2 feet	
DST3	InnovairFlex sampling tube for ducts 2 to 4 feet	
DST5	InnovairFlex sampling tube for ducts 4 to 8 feet	
DST10	InnovairFlex sampling tube for ducts 8 to 12 feet	
ETX	InnovairFlex twelve-inch exhaust tube	



Conventional Detection

(More on Reverse Side)

i³ Series Photoelectric Smoke Detectors

Installation Ease. Intelligence. Instant Inspection. These are the guiding principles of System Sensor's i³ Series™ photoelectric smoke detectors. The i³ Series features a complete line — Standard, Sounder, Auxiliary Form C Relay and Isolated Thermal — the choice is yours.

Features include a plug-in design with base, a removable cover, remote maintenance signaling, drift compensation and smoothing algorithms, green and red LEDs and simplified sensitivity measurement.



Model No.	Loop Type	Thermal	Sounder	Form C Relay	Operating Voltage	Avg. Standby Current	Max. Alarm Current
C2W-BA	2-wire	No	No	No	8.5-35 VDC	50 µA	130 mA limited by control panel
C2WT-BA	2-wire	Yes	No	No	8.5-35 VDC	50 µA	130 mA limited by control panel
C4W-BA	4-wire	No	No	No	8.5-35 VDC	50 µA	23 mA
C4WT-BA	4-wire	Yes	No	No	8.5-35 VDC	50 µA	23 mA
C2WTA-BA	2-wire	Yes	Yes	No	8.5-35 VDC	50 µA	130 mA*
C2WTR-BA	2-wire	Yes	No	Yes	8.5-35 VDC	50 µA	130 mA limited by control panel
C4WTA-BA	4-wire	Yes	Yes	No	10-35 VDC	50 µA	35 mA
C4WTR-BA	4-wire	Yes	No	Yes	10-35 VDC	50 µA	35 mA
C4WTAR-BA	4-wire	Yes	Yes	Yes	10-35 VDC	50 µA	50 mA
C4WITAR-BA	4-wire	Isolated	Yes	Yes	10-35 VDC	50 µA	50 mA

*In direct power (non-reverse polarity), the maximum alarm current is 130 mA limited by the panel. In reverse polarity power, the maximum current is 30 mA for the 2WTA-B in alarm; 12 mA for all other 2WTA-B units on the loop. Add 25 mA for the RRS-MOD reversing relay alarm current.

100 Series Plug-in Smoke Detector

System Sensor's 100 Series low profile plug-in smoke detector is ideal for light commercial applications. Offered in a photoelectric design, the 100 series may be installed with a range of plug-in bases, to accommodate a variety of wiring configurations and voltages.

Model No.	Detection Type	Wiring	Thermal	Operating Voltage	Avg. Standby Current	Max. Alarm Current
2151A	Photoelectric	Mounting base dependent	No	See bases	See bases	Mounting base dependent
2151TA	Photoelectric	Mounting base dependent	Yes	See bases	See bases	Mounting base dependent

400 Series Direct-Wire and Plug-in Smoke Detectors

The 400 Series from System Sensor represents a family of conventional smoke and electronic heat detectors offered in a variety of configurations. Direct-wire models are available with either a photoelectric or ionization sensor, for use with two- or four-wire loops. Plug-in models are also available in photoelectric or ionization designs.

Model No.	Detection Type	Wiring	Thermal	Operating Voltage	Avg. Standby Current	Max. Alarm Current
1400A	Ionization	2-wire	No	12/24 VDC	120 µA	Limited by the control panel
1412A	Ionization	4-wire	No	12 VDC	120 µA	77 mA
1424A	Ionization	4-wire	No	24 VDC	120 µA	41 mA
2400A	Photoelectric	2-wire	No	12/24 VDC	120 µA	Limited by the control panel
2412A	Photoelectric	4-wire	No	12 VDC	120 µA	77 mA
1451A	Ionization	Mounting base dependent	No	See bases	120 µA	Mounting base dependent
2451A	Photoelectric	Mounting base dependent	No	See bases	120 µA	Mounting base dependent

400 Series Plug-in Electronic Heat Detectors

System Sensor's 400 Series plug-in electronic heat detectors offer thermal detection in both 190°F fixed temperature and 135°F combination fixed-rate-of-rise configurations. Both models may be installed with a range of 400 Series plug-in bases.

Model No.	Temperature Rating	Activation Method	Avg. Standby Current
5451A	135 degrees F	Fixed/Rate-of-rise	100 µA
4451HTA	190 degrees F	Fixed temperature	100 µA

5600 Series Mechanical Heat Detectors

The 5600 Series mechanical heat detectors offers a low-cost means for property protection against fire, and for non-life-safety installations where smoke detectors are inappropriate.

To accommodate a broad range of applications, the 5600 Series is available in a full-line of configurations. Both single- and dual-circuit models are offered, available with low- or high-temperature ratings with either fixed temperature or combination fixed temperature/rate-of-rise (ROR) activation.

Model No.	Circuit	Temperature Rating	Activation Method	Protected Spacing**
5601A	Single	135 degrees F	Fixed/Rate-of-rise	50 feet by 50 feet
5602A	Single	194 degrees F	Fixed/Rate-of-rise	50 feet by 50 feet
5603A	Single	135 degrees F	Fixed temperature	25 feet by 25 feet
5604A	Single	194 degrees F	Fixed temperature	25 feet by 25 feet
5621A	Dual	135 degrees F	Fixed/Rate-of-rise	50 feet by 50 feet
5622A	Dual	194 degrees F	Fixed/Rate-of-rise	50 feet by 50 feet
5623A	Dual	135 degrees F	Fixed temperature	25 feet by 25 feet
5624A	Dual	194 degrees F	Fixed temperature	25 feet by 25 feet

**Refer to CAN/ULC-S524 guidelines for spacing reductions when ceiling heights exceed 10 feet.

100 Series Plug-in Smoke Detector Bases

Designed for use with System Sensor's 100 Series plug-in smoke detectors, the 100 Series bases accommodate either 2- or 4-wire loops, and 12, 24, or 120 operating voltages, to address a broad range of applications.

Model No.	Loop Type	Operating Voltage	Alarm Current
B110LPA	2-wire	12/24 VDC	10-100 mA limited by the control panel
B110RLPA	2-wire	24 VDC	22-62 mA
B112LPA	4-wire	24 VDC	14-39 mA
B114LPA	4-wire	120 VAC	75 mA (AC) maximum
B116LPA	2-wire	24 VDC	12-100 mA limited by the control panel

400 Series Plug-in Smoke Detector Bases

Designed for use with System Sensor's 400 Series plug-in smoke detectors, the 400 Series bases are offered in a variety of models for either 2- or 4-wire loops, and 12, 24, or 120 operating voltages.

Model No.	Loop Type	Alarm Contact Type	Operating Voltage	Max. Alarm Current
B401A	2-wire	-	12/24 VDC	10-100 mA limited by the control panel
B401BA	2-wire	-	12/24 VDC	10-100 mA limited by the control panel
B401BRA	2-wire	-	24 VDC	10-62 mA
B402BA	4-wire	Form A & C	24 VDC	14-39 mA
B404BA	4-wire	Form A & C + A supervisory	120 VAC	75 mA (AC) maximum
B406BA	2-wire	Form C	24 VDC	12-100 mA limited by the control panel

2012HA Photoelectric Smoke Detector

System Sensor's Model 2012HA Photoelectric smoke detector is ideal for use on security systems. A normally open alarm contact is provided for monitoring and up to 12 units can be interconnected.

Model No.	Loop Type	Alarm Contact Type	Operating Voltage	Alarm Current
2012HA	4-wire	Form A Normally Open	12 VDC	20 mA

CO1224A Carbon Monoxide Detector

The CO1224A detector is the industry's first carbon monoxide detector specifically designed for system connection. It is designed to maximize profits and minimize installation costs with code compliant features such as a trouble relay that sends a sensor failure or end-of-life signal to the control panel, and SEMS type terminal Philips-head screws that provide a quick and positive wiring connection while facilitating wiring supervision. The CO1224A unit also features a low current draw, which allows more detectors to be connected to the panel without having to purchase a more expensive panel or extra power supply.

Model No.	Detection Type	Wiring	Operating Voltage	Max. Standby Current	Max. Alarm Current
CO1224A	Electrochemical	4-wire	12/24 VDC	20mA	40mA

Infrared Beam Smoke Detector

The infrared beam smoke detector is uniquely suited for use in high ceiling areas where spot type smoke detectors are difficult to install and maintain.

Model No.	Detection Type	Wiring	Operating Voltage	Standby Current	Alarm Current	Range
BEAM1224A	Infrared Beam	4-wire	12/24VDC	2 mA max.	20 mA	16-328 ft.(4.8-99.9 m)
BEAM1224SA	Infrared Beam c/w Test	4-wire	12/24VDC	2 mA max.	20 mA	16-328 ft.(4.8-99.9 m)

Conventional Detection Accessories

Complementing System Sensor's detection products are a host of accessories designed to enhance their installation, test, operation, and maintenance.

Model No.	Description
CSENS-RDRA	i3 series infrared sensitivity reader
CRRS-MODA	i3 series reversing relay / synchronization module
C2W-MOD2A	i3 series loop test and maintenance module
RT	i3 series removal/replacement tool
A77-AB2	i3 series retrofit adapter bracket
XR2B	100 series installation/removal tool
A77-AB	100 series retrofit adapter bracket
RMK400	100/400 series recessed mounting kit
SMB600	100/400 series surface mount kit
MOD400R	100/400 series field sensitivity test module
A77-716B	End of line power supervision relay
RA400ZA	Remote annunciator for spot and duct smoke detectors
RTS451A	Remote test station accessory
RTS451KEYA	Remote test station accessory with key
BEAMLRK	Beam detector long range reflector kit
BEAMMMK	Beam detector multimount bracket
BEAMSMK	Beam detector surface backbox

Sprinkler Systems Monitoring

WFD Series Waterflow Detector

System Sensor's WFD Series waterflow detectors are available in a range of sizes to accommodate fire sprinkler risers from 2" through 8". All units feature vane-type paddles and an adjustable mechanical relay.

Model	Pipe Size	Hole Size	Pressure Rating	Contact Ratings	Triggering Threshold
WFD20A	2"	1/4"	450 PSI	2 Form C: 10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	4-10 GPM
WFD25A	2 1/2"	1/4"	450 PSI	2 Form C: 10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	4-10 GPM
WFD30-2A	3"	2"	450 PSI	2 Form C: 10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	4-10 GPM
WFD40A	4"	2"	450 PSI	2 Form C: 10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	4-10 GPM
WFD50A	5"	2"	450 PSI	2 Form C: 10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	4-10 GPM
WFD60A	6"	2"	450 PSI	2 Form C: 10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	4-10 GPM
WFD80A	8"	2"	450 PSI	2 Form C: 10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	4-10 GPM

T-Tap Series Waterflow Detector

The T-Tap waterflow detectors are compatible with 1" NPT style connections, making them ideal for residential or branch line signaling applications.

Model	Compatible Tee Fittings	Pressure Rating	Contact Ratings	Triggering Threshold
WFDTA	1" to 1 1/2" NPT threaded ferrous and brass, 1" to 2" sweat brass, 1 1/2" polybutylene plastic, 1" PVC plastic tees having a 1" threaded NPT branch, and 2" cast and malleable threaded tees.	250 PSI	2 Form C: 10A @ 125/250 VAC, 2.5 A 24 VDC	4-10 GPM
WFDTHA	1" to 1 1/2" NPT threaded ferrous and brass, 1" to 2" sweat brass, 1 1/2" polybutylene plastic, 1" PVC plastic tees having a 1" threaded NPT branch, and 2" cast and malleable threaded tees.	250 PSI	2 Form C: 10A @ 125/250 VAC, 2.5 A 24 VDC	4-10 GPM

Supervisory Switches

System Sensor manufactures devices for supervising a variety of control valves, including outside screw and yoke, post indicator, butterfly, rising and non-rising stem gate.

Model	Description	Valve Size	Contact Rating	Maximum Operating Current
OSY2A	Used to monitor the open position of an Outside Screw and Yoke type gate valve	1" to 12"	10 AMP @ 125/250 VAC; 2.5 AMP @ 6/12/24 VDC	—
PIBV2A	Used to monitor the open position of post indicator and butterfly control valves	—	10 AMP @ 125/250 VAC; 2.5 AMP @ 6/12/24 VDC	—
PSP1A	A plug-in special application supervisory switch designed for applications where no other type of listed valve supervisory switch can be used	—	Plug Contacts: 250mA @ 6/12/24 VAC/DC, normally open Cover Tamper: 5A @ 125/250 VAC, 2.5A @ 6/12/24 VAC	250mA

EPS Series Pressure Switches

The EPS Series are offered in three different varieties, each with either one or two SPDT contacts. The EPSA10 alarm pressure switches are ideal for use in dry pipe systems. The EPSA40 and EPSA120 supervisory pressure switches are intended for supervising air pressure in pipes or pressure tanks.

Model	Brass	Nylon	Maximum Operating Pressure	Maximum Adjustment Range	Differential	Contact Rating	Threaded Connection
EPSA10-1	EPSA10-1P	250 psi	4 to 20 psi	3 psi	10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	1/2 NPT male reinforced nylon or brass	
EPSA10-2	EPSA10-2P	250 psi	10 to 100 psi	3 psi @ 10 psi and 6 psi at 100 psi	10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	1/2 NPT male reinforced nylon or brass	
EPSA120-1	EPSA120-1P	250 psi	10 to 200 psi	3 psi @ 10 psi and 9 psi at 200 psi	10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	1/2 NPT male reinforced nylon	
EPSA120-2	EPSA120-2P	250 psi	10 to 200 psi	3 psi @ 10 psi and 9 psi at 200 psi	10 A, 1/2 HP @ 125/250 VAC; 2.5 A @ 6/12/24 VDC	1/2 NPT male reinforced nylon	

Alarm Bells

System Sensor's SSM and SSV alarm bells offer high output notification for use in security and fire alarm systems. Models are available for 24 VDC and 120 VAC systems, in 6", 8", and 10" diameters.

Model	Gong Size	Nominal Voltage	Operating Voltage	Sound Output (MIN.)	Maximum Current
SSM24-6A	6"	24 VDC	19.2-26.4 VDC	92 dB	DC-45 mA / FWR-53.5 mA
SSM24-8A	8"	24 VDC	19.2-26.4 VDC	98 dB	DC-45 mA / FWR-53.5 mA
SSM24-10A	10"	24 VDC	19.2-26.4 VDC	97 dB	DC-45 mA / FWR-53.5 mA
SSV120-6A	6"	120 VAC	96-132 VAC	93 dB	53 mA
SSV120-8A	8"	120 VAC	96-132 VAC	98 dB	53 mA
SSV120-10A	10"	120 VAC	96-132 VAC	97 dB	53 mA