

SL-2000-P

PHOTOELECTRIC DUCT SMOKE DETECTOR



PRODUCT DESCRIPTION

The SL-2000-P is a 4 wire conventional duct smoke detector that offers fast installation, tool-less testing with cover in place and easy maintenance features. These detectors can be mounted horizontally or vertically for more adaptability in the field.



AGENCY LISTING



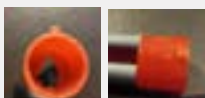
PRODUCT FEATURES

- Patented No-Tools Required front or rear loading and removing sampling/exhaust tubes
- Patented Test Port Valve allows for aerosol smoke testing without cover removal
- Clear cover fitted with four captive No-Tools Required thumbscrews
- Instantaneous cover removal trouble indication
- Staggered terminal blocks for easier wiring
- Detector head's LED indicates for normal status (flashing light), alarm status (solid state) or trouble (off)
- Magnet test capability (magnet included)
- Duct wall gaskets on back of enclosure are pre-installed
- Unit's pcb board includes green pilot and red alarm visual indicators or off for trouble
- External mounting tabs do not require cover removal to install
- Colored cover gasket indicates proper cover seal
- Reset switch is also an alarm test switch
- Operating voltages: 230VAC, 115VAC, 24VAC, 24VDC
- Relay contacts:
 - Two sets of 10A form C alarm contacts
 - One set of 2A form A alarm contacts
 - One set of 10A form C trouble contacts
- Standard interchangeable "plug-in" UL268 photoelectric heads with advances internal dust filtering design
- No additional screens or filters to clean
- Complete wiring details permanently attached to unit
- Low-Flow Technology (between 100-4000 ft./min)
- Listed for high-temperature applications
- Interconnect up to 30 units for common functions
- Footprint allows easy retrofit in many applications without additional drilling
- Compatible with building automation and fire alarm systems

Sampling Tubes

Sampling tubes are required for proper installation

FAST TUBES



PLASTIC ADAPTOR
LOCKS IN TUBES



INSERT ADAPTOR, INTERCONNECT TUBES
& TURN TOWARD AIRFLOW



INSERT TUBES & TURN
TOWARD AIRFLOW



LOCK TUBES USING
RETENTION CLIP

STN- Series Metal Tubes

Part	Length	Duct Width
STN-1.0	10" Tube	0-1 ft.
STN- 2.5	2.5' Tube	1-3 ft.
STN- 5.0	5.0' Tube	3-5 ft.
STN- 10.0	10.0' Tube	5-10 ft.

PRODUCT SPECIFICATIONS

POWER REQUIREMENTS: (without accessories)	230VAC	12 mA
Standby:	115VAC	22 mA
	24VAC	55 mA
	24VDC	14 mA
Alarm:	230VAC	18 mA
	115VAC	32 mA
	24VAC	190 mA
	24VDC	68 mA
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RELAY CONTACT RATING:		
Alarm Contacts:	Resistive load: 2 sets form "C" rated at 10 Amps @ 115VAC	
	Resistive load: 1 set form "A" rated at 2 Amps	
Trouble Contacts:	Resistive load: 1 set form "C" rated at 10 Amps @ 115VAC	
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AIR VELOCITY:	100 to 4,000 ft./min.	
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AMBIENT TEMPERATURE:	SL-2000-P 32°F to 140°F (0°C to 60°C)	
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HUMIDITY:	10-85% % RH (@32 ±2°C; 86 ±3.6°F) Non-Condensing / Non-Freezing	
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WIRING:	Solid or stranded: #12 to #22 AWG terminals	
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APPROVALS:	UL & CUL Listed (UL268A, UROX, UROX7) File # S2829 CSFM Listed (3240-1004:105)	
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MATERIAL:	Grey plastic backbox, clear plastic cover (Makrolon 94V-0)	
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DIMENSIONS:	13 ½" L x 4 ½" W x 2 ¼" H	
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MAX. NET WT.:	2 ½ lbs.	
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HARDWARE:	7" exhaust tube, sampling tube end cap, mounting template, test magnet, and mounting hardware included	

ORDERING INFORMATION

SSU-SL-2000-N	Ionization duct smoke detector (limited availability)
SSU-SL-2000-P	Photoelectric Duct Smoke Detector
SSU-SL-2000-P-FASTKIT	Kit with SL-2000 Photoelectric Duct Smoke Detector and Fast Tube Sampling Tubes