DATA SHEET 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 maintanence 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 preinstalled
- 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:

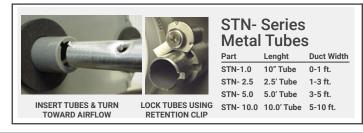
Two sets of 10A form C alarm contacts One set of 2A form A alarm contacts One set of 10A form C trouble contacts

- 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 must be ordered separately and are required for proper installation





ENGINEERS & ARCHITECTS SPECIFICATIONS:

apcfire.com/sl2000specifications

FOR MORE PRODUCTS AND INSTALL GUIDES VISIT: apcfire.com/products

PRODUCT SPECIFICATIONS

| MODEL NUMBER: | SL-2000-P | Photoelectric: 230VAC, 115VAC, 24VAC, 24VDC | |
|--|--|--|--|
| DETECTOR MODEL NUMBER: | SL-2000-P |)-P 55000-328APO | |
| SAMPLING TUBES: | FAST Tube STN-1.0 STN-2.5 STN-5.0 STN-10.0 | Sectional sampling tube, kit fits up to 90" duct width Sampling tube for 12" or less duct width Sampling tube for 6" to 2.5' duct width Sampling tube for 2.5' to 5.0' duct width Sampling tube for 5.0' to 10.0' duct width | |
| POWER REQUIREMENTS: (without accessories) Standby: | 230VAC 115VAC 24VAC 24VDC | 12 mA 22 mA 55 mA 14 mA | |
| Alarm: | 230VAC 115VAC 24VAC 24VDC | 18 mA 32 mA 190 mA 68 mA | |
| 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 | | |
| AIR VELOCITY: | 100 to 4,000 ft./min. | | |
| AMBIENT TEMPERATURE: | | SL-2000-P 32°F to 140°F (0°C to 60°C) | |
| HUMIDITY: | 85 ±5 % RH (@32 ±2°C; 86 ±3.6°F) Non-Condensing / Non-Freezing | | |
| WIRING: | Solid or stranded: #12 to #22 AWG terminals | | |
| APPROVALS: | UL & CUL Listed (UL268A, UROX, UROX7) File # S2829 CSFM Listed (3240-1004:105) | | |
| MATERIAL: | Grey plastic backbox, clear plastic cover (Makrolon 94V-0) | | |
| DIMENSIONS: | 13 ½" L x 4 ½" W x 2 ¼" H | | |
| MAX. NET WT.: | 2 ½ lbs. | | |
| HARDWARE: | 7" exhaust tube, sampling tube end cap, mounting template, test magnet, and mounting hardware included | | |

ACCESSORIES

| MSR-100 series | Remote Stations (Test Reset Function) | TG-2000 | Solo Smoke Gas w/TestPort Nozzle |
|----------------|---|-------------|---|
| MSR-50 series | Remote Stations (Test Reset Function) | TG-2500 | Centurion Smoke Gas w/TestPort Nozzle |
| MS- series | Remote Stations (Push Button & Key Reset) | T-PB series | Power Supplies, 24VAC from 115VAC @1.0A Input |
| WP-2000 | Waterproof Enclosure | | |

WIRING INSTRUCTIONS:

click the link or scan our QR code to visit our Tech Support page for wiring, guides & videos!





