GREYSTONE
ENERGY SYSTEMS INC
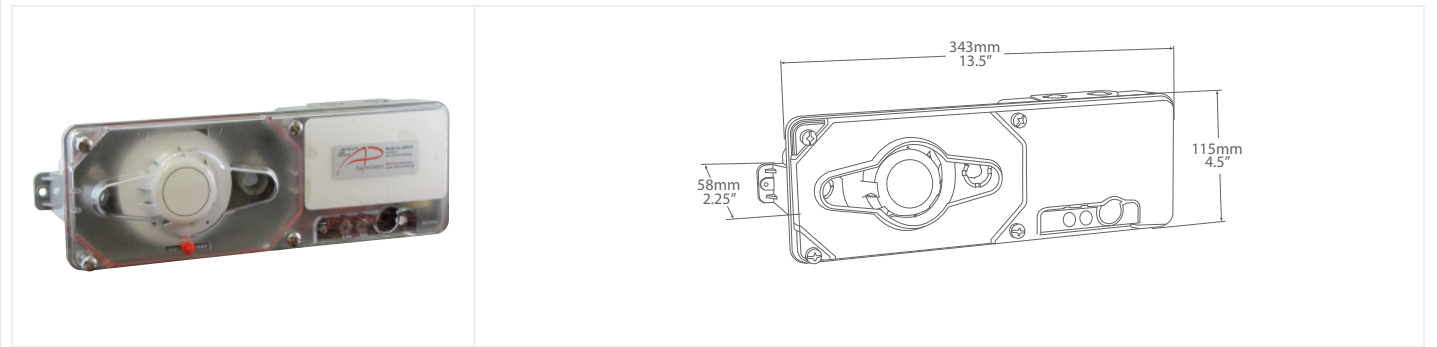
DUCT SMOKE DETECTOR

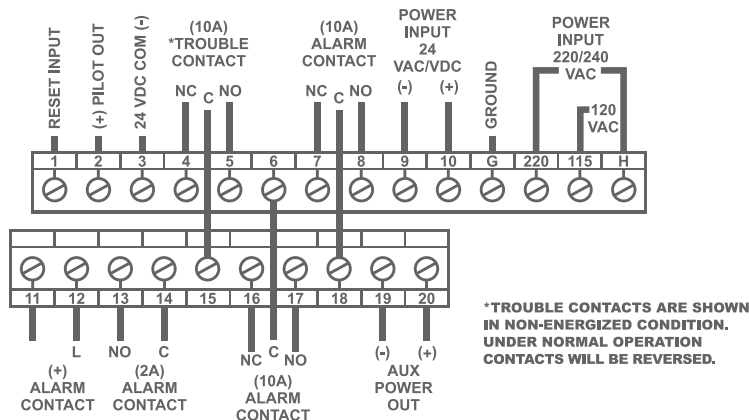343mm
13.5"

115mm
4.5"

58mm
2.25"

SL2000 SERIES

PRODUCT DESCRIPTION

The SL-2000 Series Smoke Detector is the latest innovation for early detection of smoke and products of combustion present in air moving through HVAC ducts in Commercial, Industrial and Residential application. The SL-2000 Series, 4-wire duct housing incorporates a photoelectric sensor. The interchangeable detector heads allow easy removal for quick cleaning and maintenance, or a change in application without removing the duct housing. The SL-2000 samples air currents passing through a duct and gives dependable performance for management of fans, blowers, and air conditioning systems.

SPECIFICATIONS - SL-2000-P

POWER REQUIREMENTS (WITHOUT ACCESSORIES)	**Stand By:** 230 VAC-12 mA 115 VAC-22 mA 24 VAC-55 mA 24 VDC-68 mA	**Alarm:** 230 VAC-18 mA 115 VAC-32 mA 24 VAC-190 mA 24 VAC-68 mA
RELAY CONTACT RATING	**Alarm Contacts:** 2 sets form "C" rated at 10 amps @ 115 VAC resistive 1 set form "A" rated at 2 amps **Trouble Contacts:** 1 set form "C" rated at 10 amps @ 115 VAC resistive	
AIR VELOCITY	0.50 to 10 m/s (100 to 4000 FPM)	
AMBIENT TEMPERATURE	0 to 60°C (32 to 140°F)	
HUMIDITY	85 ±5 % RH (@ 32 ±2°C; 86 ±3.6°F) non-condensing / non-freezing	
WIRING	12 to 22 AWG	
APPROVALS	**UL & CUL Listed:** (UL268A, UROX, UROX7) File #S2829 **CSFM Listed:** (3240-1004:105) **MEA Accepted:** (73-92-E;VOL.27)	
MATERIAL	Grey plastic backbox, clear plastic cover, (Makrolon 94V-0)	
DIMENSIONS	343 mm L x 115 mm H x 58 mm D (13.5" x 4.5" x 2.25")	
MAX. NET WT.	1.14 Kg (2.5lbs)	
COUNTRY OF MANUFACTURE	U.S.A.	

WIRING INFORMATION

*TROUBLE CONTACTS ARE SHOWN IN NON-ENERGIZED CONDITION. UNDER NORMAL OPERATION CONTACTS WILL BE REVERSED.

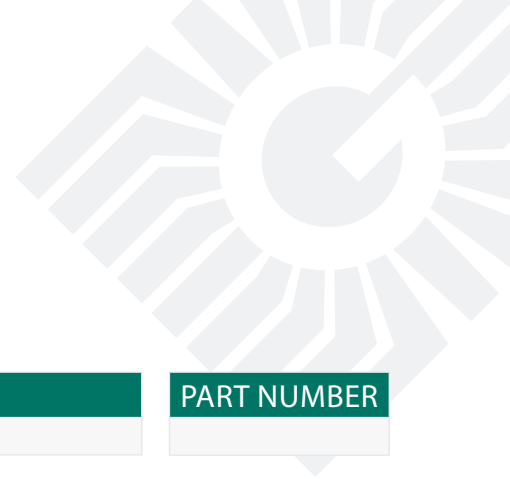**NOTE:** Output terminals are provided for remote accessories such as horns, strobes, remote status indicators and test/reset key switches or push buttons.

The SL-2000 includes many features that represent true innovations from current generation duct smoke detectors. It is designed and built to meet all local requirements, as well as the NFPA regarding duct smoke detectors.

All detectors must be used with a metal sampling tube, model STN series.

ORDERING | | | PART NUMBER

ORDERING			PART NUMBER
PRODUCT	**SL-2000-P**	4-wire photoelectric duct detector	

NOTE: Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

ACCESSORIES | | | PART NUMBER

ACCESSORIES			PART NUMBER
SAMPLING TUBE	**FAST Tube** **STN-1.0** **STN-2.5** **STN-5.0** **STN-10.0**	Sectional sampling tube, kit fits up to 228.6mm (90") duct width Metal sampling tube, duct widths up to 12" Metal sampling tube, duct widths 6" - 2.5' Metal sampling tube, duct widths 2.5' - 5' Metal sampling tube, duct widths 5' - 10'	
REMOTE ALARM	**MS-RA/R** **MS-KA/R** **MS/RH/KA/P/R**	Remote alarm LED (red) and push-button test/reset switch Remote alarm LED (red) and key-operated test/reset switch Remote alarm horn, alarm (red), pilot LED (green) and key-operated test/reset switch	

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The SL2000 series is manufactured by Air Products and Control Inc. and distributed by Greystone Energy Systems Inc. All installation documents and product markings will bare the Air Products and Control, Inc. name and logo.

c(UL)us
LISTED

CSFM LISTED

ISO9001
Certified System

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