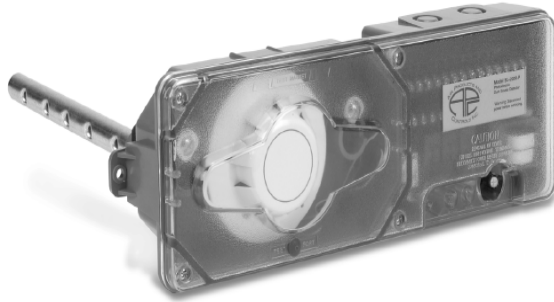




GS-SDD Series

Duct Smoke Detectors



Overview

The GS-SDD Series Smoke Detectors are 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 GS-SDD Series, 4-wire duct housing will accommodate either the ionization sensor or the photoelectric sensor.

Applications

- Commercial
- Industrial
- Residential

Features & Benefits

- 24 VAC/DC or 120/240 VAC operation
- Simple change-out of photo or ion detector heads
- Low air velocity rating from 100 to 4000 FPM
- Easy and quick mounting to round or rectangular ducts from 1' - 12' wide
- Built-in reset switch that is also an alarm test switch

Model Selection

GS-SDDI	4 wire ionization smoke detector (Listed for high temperature applications)
GS-SDDP	4 wire photoelectric smoke detector

Accessories

GS-RAP	Remote Alarm LED (Red) and Push-button Test / Reset Switch
GS-RAK	Remote Alarm LED (Red) and Key-Operated Test / Reset Switch
GS-RAKPH	Remote Alarm Horn, Remote Alarm LED (Red). Pilot LED (Green) and Key-Operated Test / Reset Switch
GS-ST01	Sampling tube duct widths 1' - 2' (10")
GS-ST02	Sampling tube duct widths 2' - 4' (2.5')
GS-ST05	Sampling tube duct widths 4' - 8' (5.0')
GS-ST10	Sampling tube duct widths 8' - 12' (10.0')

Product Specifications

Power Requirements

Stand By:

- _____ 230 VAC-7.9 mA
- _____ 115 VAC-13.8 mA
- _____ 24 VAC-39.4 mA
- _____ 24 VDC-13.5 mA

Alarm Current:

- _____ 230 VAC-16.0 mA
- _____ 115 VAC-27.0 mA
- _____ 24 VAC-59.3 mA
- _____ 24 VDC-128.7 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

Operating Temperature _____ 0°C to 70°C (32°F to 158°F)

Humidity Range _____ 10% to 85% Non-condensing

Stand-By Power Requirements:

- _____ 230 VAC-7.9 mA
- _____ 115 VAC-13.8 mA
- _____ 24 VAC-39.4 mA
- _____ 24 VDC-13.5 mA

Alarm Current:

- _____ 115 VAC-27.0 mA
- _____ 24 VAC-59.3 mA
- _____ 24 VDC-128.7 mA

Air Velocity _____ 0.5 to 20 m/s (100 to 4000 fpm)

Ambient Temperature:

- GS-SDDI _____ 0 to 70°C (32 to 158°F)
- GS-SDDP _____ 0 to 60°C (32 to 140°F)

Humidity _____ 10% to 85% R.H. No Condensation

Wiring _____ #14 to #22 AWG

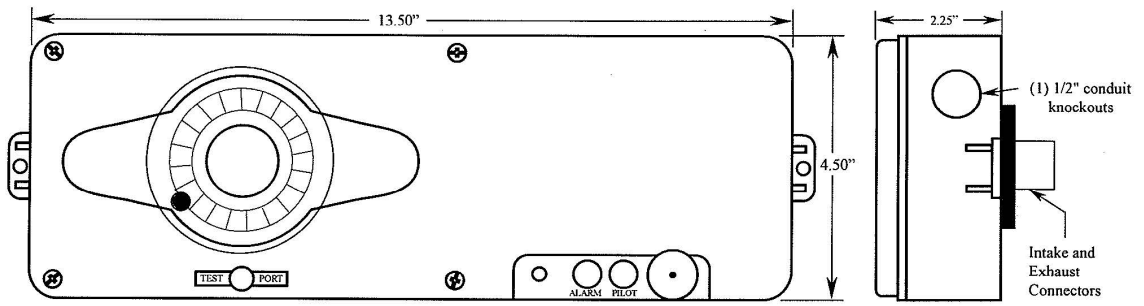
Approvals _____ Underwriters Laboratories Listed: (UL268A;UROX.S2829)
CSFM Listed: (3240-1004:105) MEA Listed: (73-92E;VOL.27)

Material _____ Grey plastic backbox, clear plastic cover

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 (2.5 lbs.)

Dimensions



Specifications subject to change without notice.
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