

Photoelectric Smoke Detector for Air LX-SDP-D

The photoelectric smoke detector for air LX-SDP-D, 4-wire duct housing will accommodate the photoelectronic sensor. The interchangeable detector heads allow easy removal for quick cleaning and maintenance, or a change in application without removing the duct housing. The product samples air currents passing through a duct and gives dependable performance for management of fans, blowers, and air conditioning systems.

Details

The product 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. It is designed to prevent the re-circulation of smoke by the air handling systems, fans, and blowers. Complete systems may be shut down in the event of smoke detection. The product is designed and built to meet all local requirements, as well as the NFPA regulations regarding duct smoke detectors.

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

All detectors must be used with a metal sampling tube: (a) for duct widths 1" – 2", (b) for 2" – 4", (c) for 4" – 8" and (d) for 8" – 12".

Order Code

LX-SDP-D (a/b/c/d)

- Simple change-out of photo or ion detector heads
- Low flow air velocity rating from 0,5 to 20 m/s
- Two (2) sets of 10A form "C" alarm contacts
- One (1) set of 10A form "C" trouble contacts
- Easy and quick mounting to round or rectangular ducts from 1" – 12" wide
- Clear cover for convenient visual inspection
- Built-in reset switch that is also an alarm test switch



Technical Data

Power Requirement:	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	
Air Velocity:	.50 to 20 m/s	
Ambient Temperature:	0-68 °C	
Humidity:	10% to 85% R.H. No Condensation	
Wiring:	#14 to #22 AWG	
Material:	Grey plastic backbox, clear plastic cover	
Dimensions:	343mm (L) x 115mm (H) x 58mm (D)	
Max. Net Wt.:	1.14 KG	
Manufacturing Process:	ISO9001	