

# RE-428DU-S

## SINGLE TUBE ADDRESSABLE DUCT DETECTOR

### General

This addressable smoke detector can be installed on any side of the duct. The detector RE-428DU-S contains an intelligent controlling circuit. The circuit adjusts the sensitivity to give an optimal function throughout the entire life of the detector. Advanced Venturi tube technology with single tube detector. This duct detector housed with the flow optimization and two feet sampling pipe.

### Features

- High efficient single sampling tube.
- Easy to install.
- One-pipe air sampling system.
- Patented venturi pipe and duct housing.
- Test hole on cover.
- Simple installation.
- Simple service and maintenance.



### Specification

	Electrical Specification
<i>Operating Voltage</i>	17 ~ 28 VDC
<i>Operating Temperature</i>	-10 – 37.8° C
<i>Storage Temperature</i>	-10 – 60° C
<i>Humidity</i>	0 - 95% RH, non-condensing
<i>Reset Voltage</i>	Less than 3V
<i>Standby Current</i>	500 μA
<i>Alarm Current</i>	5 mA
<i>Startup Time</i>	30 sec
<i>Remote Output</i>	2mA maximum open collector
<i>Smoke Sensitivity</i>	(2.12 ± 0.61) % obs/ ft. (High: 1.1; Medium: 1.4; Low: 2.3)% obs/ft
<i>Air Velocity</i>	0 – 4000 fpm
<i>Dimensions</i>	(241 L X 195 W X 68 D) mm
<i>Weight</i>	1.20 kg
<i>Air Sampling Tube</i>	Aluminium (Hole Diameter 1.5" (38 mm))

## Compatible Panel

Model	Description
<i>Avani</i>	Analogue addressable Fire Alarm Control panel expandable upto 4 loop
<i>Avani db</i>	Analogue Addressable Fire Alarm Control panel expandable upto 2 loop
<i>Avani XL</i>	Analogue Addressable Fire Alarm Control panel expandable upto 8 Loop

## Ordering Information

Model	Description
RE-428DU-S	Single tube Addressable Duct Detector
RE-428DU-S2	Sampling tube length: 2 ft (0.6 m)

### India

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