FEATURES

- ✓ Photoelectric, integrated low-flow technology
- ✓ Air velocity rating from 0.5 m/s to 20.32 m/s
- ✓ Versatile mounting options: square or rectangular configuration
- ✓ Broad ranges for operating temperature (-20ºC to 70ºC) and humidity (0% to 95% non-condensing)
- ✓ Patented sampling tube installs from front or back of the detector with no tools required
- ✓ Cover tamper signal
- ✓ Increased wiring space with a 20mm conduit knockout
- ✓ Comes complete with detector installed

PRODUCT DESCRIPTION

The SS-PROBE-D2 conventional photoelectric duct smoke detector features a pivoting housing that fits various applications: both square and rectangular footprints mount to round or rectangular duct work. This duct smoke detector senses airflow speeds ranging from 0.5 to 20.32 metres per minute with proven precision. The enhancements built into this model improve false alarm immunity (with plug-in sensor head); broaden operating temperature (-20ºC to 70ºC) and humidity (0 to 95 percent non-condensing) ranges; while simplifying installation and maintenance. These advance features can detect smoke even in the harshest duct applications.

The new design provides more wiring space with an added 20mm conduit knockout. Numbers and labels for terminal designations are consistent with previous models. The new sampling tube can be clicked into position with one smooth motion from either the front or the back of the detector.

The SS-PROBE-D2 duct smoke detector has signals to indicate trouble and maintenance conditions. Additionally, a cover tamper feature is incorporated to indicate a trouble condition for removed or improperly installed sensor cover. An improved cover design, with an integrated low-flow feature, isolates the sensor head from the low-flow technology for simple maintenance.

The D2 series is designed for greater flexibility and reliable smoke detection to simplify installation and maintenance. The new product line is backward compatible to existing models, including remote test accessories.

TECHNICAL SPECIFICATIONS

Dimensions	Rectangle: 370mm L x 127mm W x 64mm D Square: 197mm L x 229mm W x 64mm D
Operating Temperature Range	-20ºC to 70ºC
Storage temperature range	-30ºC to 70ºC
Operating Humidity Range	0% to 95% relative humidity (non-condensing)
Air Duct Velocity	0.5 to 20.32 m/s

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CURRENT REQUIREMENTS

Peak Standby Current	120uA
Maximum Standby Current	60uA (average)
Maximum Alarm Current	130mA

ELECTRICAL RATINGS

| Power Supply Voltage	8.5-35Vdc
Input Capacitance	0.1uF max.
Reset Voltage	2.5Vdc min.
Reset Time (By Power Down)	0.3 seconds max.
Power Up Time	35 seconds max.
Alarm Response Time	15 seconds

COMPONENT DIAGRAM

NSW
18-20 Brookhollow Ave
NORWEST 2153
02 8850 2888
sales@firesense.com.au

VIC
Unit 4, 297 Ingles St
PORT MELBOURNE 3207
03 9646 4557
salesvic@firesense.com.au

QLD
Unit 2, 225 Queensport Rd North
MURARRIE 4172
07 3890 8842
salesqld@firesense.com.au

www.**firesense**.com.au
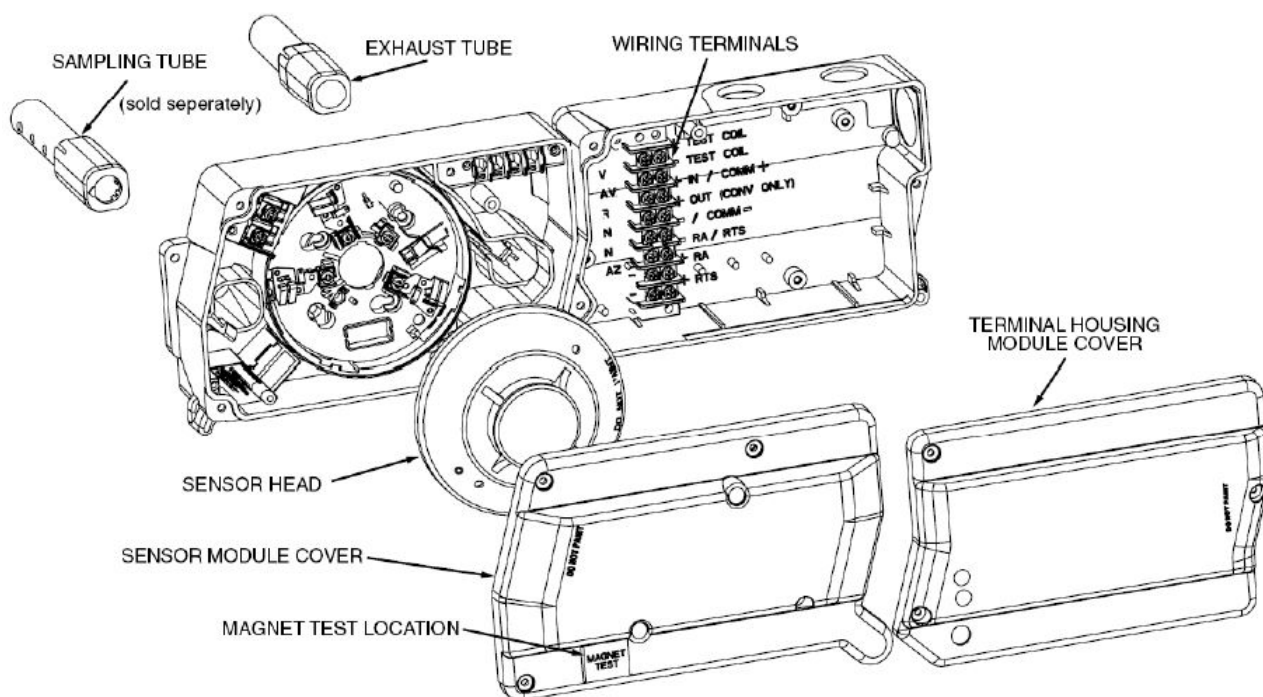
CONNECTION DIAGRAM
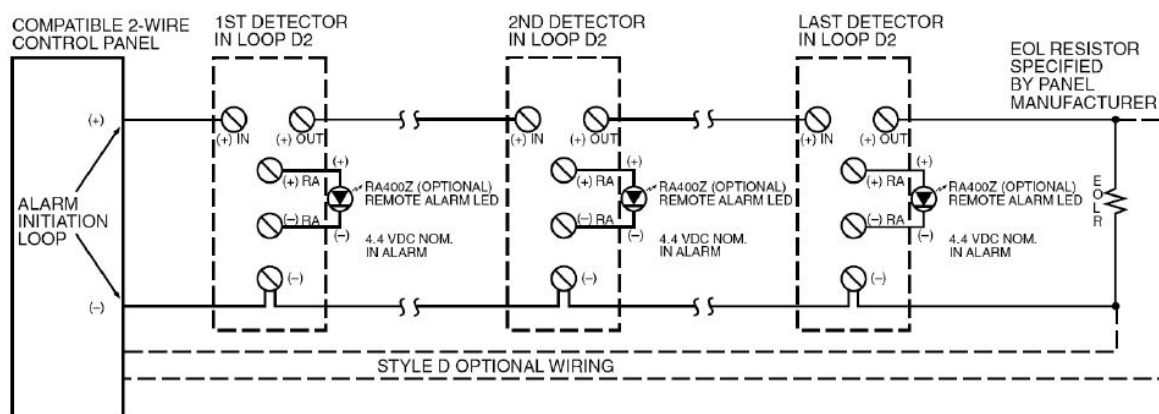
ACCESSORIES

SS-DST3	Duct detector sampling tube to suit duct 0.5m to 1.2m
SS-DST5	Duct detector sampling tube to suit duct 1.2m to 2.4m
SS-DST10	Duct detector sampling tube to suit duct 2.4m to 3.7m

APPROVALS

✓ ActivFire certified - Listing No. afp-1998