

DESCRIPTION

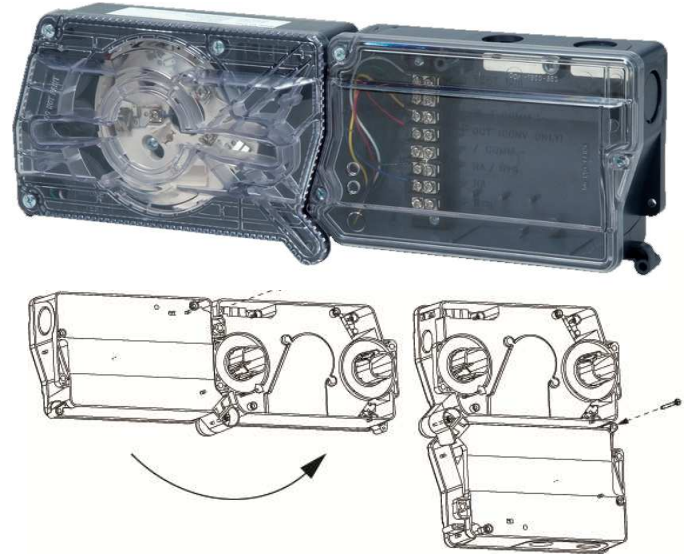
D2E 2-wire photoelectric duct smoke detector features a pivoting housing that fits various applications: both square and rectangular footprints mount to round or rectangular duct work. This new duct smoke detector senses airflow speeds ranging from 0.5 ÷ 20 meters per second. The enhancements built into this model improve false alarm immunity (with plug-in sensor head); 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.

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 the low-flow feature, isolates the sensor head from the low-flow technology for simple maintenance.

The D2E series is designed for greater flexibility and reliable smoke detection to simplify installation and maintenance. The new device is backward compatible to existing models, including remote test accessories

ELECTRICAL FEATURES (referred to optical detector)

- Power supply: 8,5 ÷ 35Vdc
- Input capacitance: 0.1µF max.
- Reset Voltage: 2.5Vdc min.
- Reset time: (by power down) 0,3s max.
- Power up time: 35s
- Alarm response time: 15s
- Peak standby current: 120µA
- Max. standby current: 60µA
- Max. alarm current: 130mA



MAIN FEATURES

- Greater flexibility, round or rectangular ductwork
- Both square and rectangular footprints
- Improve false alarm immunity
- Plug-in sensor head
- Backward compatible to existing models
- Anti tamper contact
- Detector base: B401 (included)
- Clear cover for convenient visual inspection
- Terminal block for optical repeater

TECHNICAL FEATURES

- Air Duct velocity: 0,5 ÷ 20,32 m/sec
- Operating temperature range: -20°C ÷ 60°C
- Storage temperature range: -20°C ÷ 60°C
- Humidity range: 0 ÷ 95% non condensing
- Dimensions: rectangular 37x12,7x6,36cm (LxWxD)
square 19,7x22,9x6,35cm (LxWxD)
- Weight: 0,82 kg
- Stock code: RII79B

RELATED PRODUCTS

| | | |
|------------------|-------------------------------------|---------------|
| DST1.5 | Metal sampling tube 0,3-0,6m | RII70 |
| DST3 | Metal sampling tube 0,6-1,2m. | RII70A |
| SD851E | Optical detector | RII800 |
| INDICATOR | Optical repeater LED – Red | ACI54N |
| INDIC-INC | Flush mounting optical repeater LED | ACI55 |