

# QS388-2L

## Conventional Smoke Sensor Detector



Technology With Tradition

### TECHNICAL MANUAL

#### General:

- This products is a smoke detector, which is based on the principle of detecting the smoke in the environment to work. This detector is designed to provide open area protection and to be used with most conventional fire alarm panel.
- Two LEDs on each detector provide local 360° visible alarm indication. They flash every six seconds indicating that power is applied and the detector is working properly.
- The LEDs latch on in alarm. LEDs will be off when a trouble condition exists indicating that the detector sensitivity is outside the listed limit. The alarm can be reset only by a momentary power interruption. The detector that initiated the alarm condition will have its red LED.



QS388-2L



#### Features:

- Photo-electric 2 wired smoke detector.
- Uses a state of the art optical sensing chamber.
- Circular LED indicator for 360° visibility
- Compatible with most conventional fire alarm panel.
- Low power consumption.
- High precision and stability.
- Easy Installation and maintenance.
- Complied to EN54/UL listed.

#### Application:

- The Photoelectric Smoke Sensor is particularly suited to detecting optically dense smoke typical of fires involving materials such as soft furnishings, plastic, foam or other similar materials which tend to smolder and produce large visible smoke particles. The unique design allows fast response to flaming fires as well as smoldering fires while preventing false alarms.

#### Specification:

- Operating Voltage Range: 9 to 33VDC Volts Non-polarized
- Standby Current:  $\leq 0.1\text{mA}@24\text{VDC}$
- Maximum Alarm Current (LED on):  $25\text{mA}@24\text{VDC}$
- Operating Humidity Range:  $\leq 95\%RH(40^\circ\text{C}\pm 2^\circ\text{C})$  non-condensing
- Operating Temperature Range:  $-10^\circ\text{C}$  to  $50^\circ\text{C}$
- Smoke Alarm Sensitivity:  $0.5\text{dB/m}(\pm 0.1\text{dB/m})$
- Temperature Alarm Sensitivity:  $57^\circ\text{C}$  ( $135^\circ\text{F}$ )
- Height: 53 mm installed in Base
- Diameter: 103 mm



Agni reserve the right to change the specification without prior notice.

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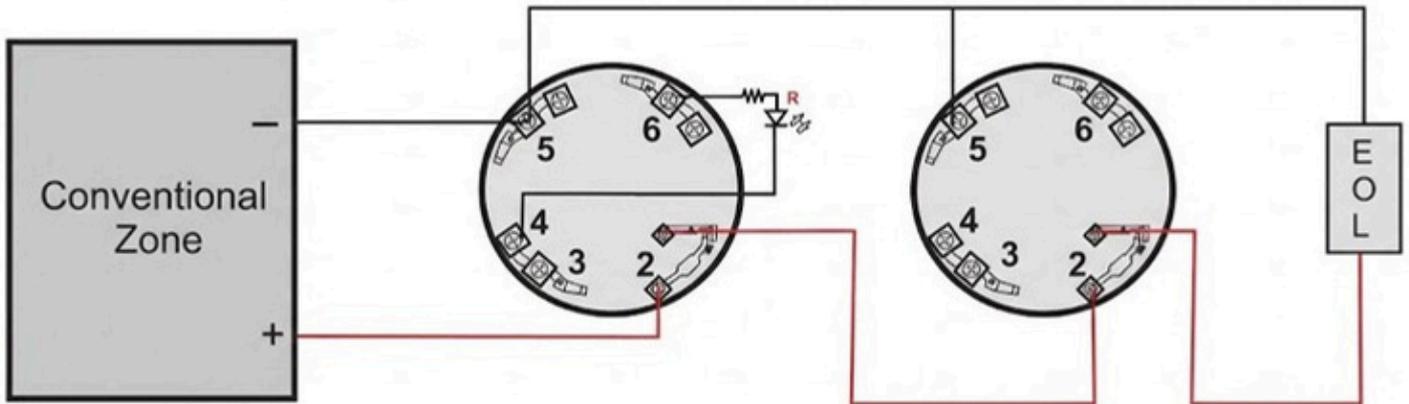


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### Wiring Diagram



Note:-

RI-Response Indicator

### Ordering Information:

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