

QS951-2L

Conventional Heat Sensor Detector

TECHNICAL MANUAL

General:

- This product is a heat detector, designed to operate on the principle of fixed temperature detection to sense abnormal rise in ambient temperature. It is intended to provide reliable fire detection in environments where smoke detectors are unsuitable.
- The detector is designed for open area protection and is compatible with most conventional fire alarm panels.
- Two LEDs on each detector provide local 360° visible alarm indication. The LEDs flash periodically to indicate that power is applied and the detector is operating normally.
- When the detector reaches its preset temperature threshold, it will enter the alarm condition and the LEDs will latch ON. The alarm can be reset only by a momentary power interruption from the control panel.



QS951-2L



Features:

- Fixed temperature 2-wire heat detector.
- Uses a high-precision thermistor-based sensing element.
- Circular LED indicator for 360° visibility.
- Compatible with most conventional fire alarm panels.
- Stable operation with low power consumption.
- High reliability with excellent resistance to false alarms.
- Easy installation and minimal maintenance.
- Complies with EN54 / UL listed requirements

Application:

- The Agni QS951-2L Heat Detector is particularly suitable for areas where smoke detectors may generate false alarms due to dust, fumes, steam, or normal smoke presence. Ideal for use in kitchens, boiler rooms, generator rooms, parking areas, warehouses, workshops, and industrial environments. The robust design ensures fast and reliable response to fire conditions caused by excessive heat buildup while maintaining stable operation under normal environmental conditions.

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: $\leq 95\%\text{RH}(40^\circ\text{C}\pm 2^\circ\text{C})$ non-condensing
- Operating Temperature Range: -10°C to 50°C
- Smoke Alarm Sensitivity: $0.5\text{dB/m}(\pm 0.1\text{dB/m})$
- Temperature Alarm Sensitivity: 57°C (135°F)
- Height: 53 mm installed in Base
- Diameter: 103 mm

FYRLAAS[®]
by AGNi

SAFEDGE[®]
by AGNi

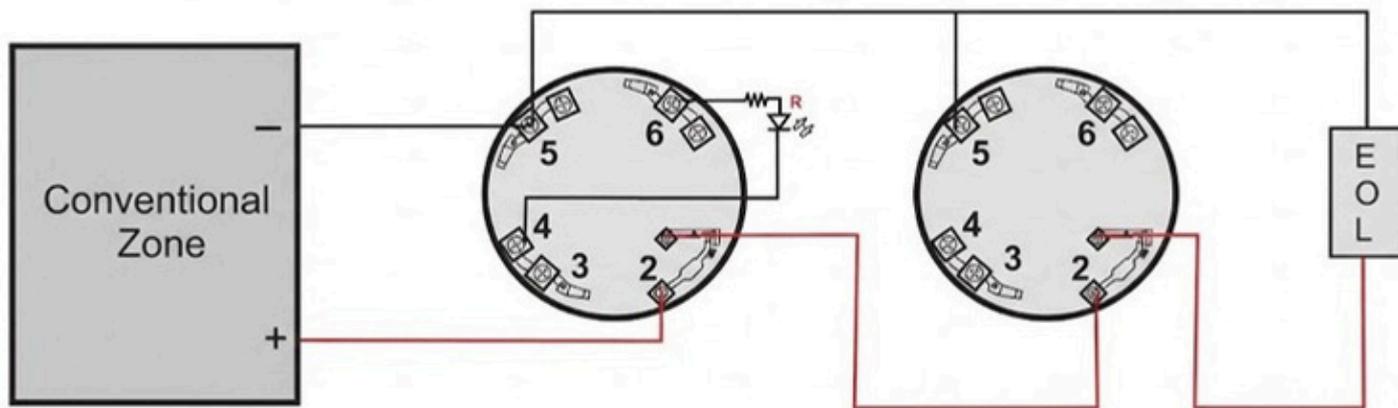
AGFLEX[®]
Flexible Sprinkler Hose



QS388-2L Conventional Smoke Sensor Detector

TECHNICAL MANUAL

Wiring Diagram



Note:-

RI-Response Indicator

Ordering Information:

Models	Description
QS951-2L	Conventional Heat Detector

