



FIRE ALARM SYSTEM

Rate of Rise Heat Detector



HS-WL19L

ISO 9001 certificated **CE**

DESCRIPTION

The rate-of-rise heat detector, HS-WL19L, is designed to sense the rapid or abnormal rise in temperature of air. If ambient temperature rises rapidly, the air in chamber expands and presses the diaphragm to close the contact point to give advanced warning. When a slower temperature change occurs, the expanded air escapes through a bleeding hole to keep the pressure balanced so that the fault alarm never occurs.

ADVANTAGES

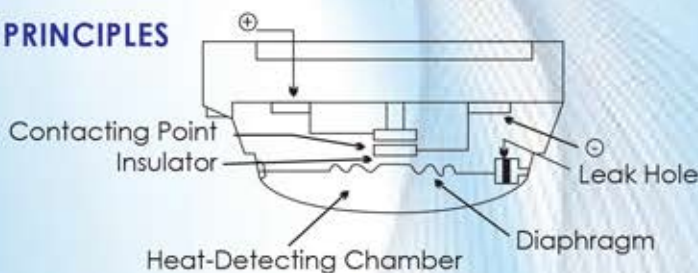
- Rate-of-rise heat detector detects intense fires by quickly responding to rapid temperature increases.
- Mechanical operating principles ensure the long-term durability and the least malfunction.
- Self-restoring ensures those elements repeated use.
- High quality components are fitted for greater reliability.
- Red indication lamp lights when detector is activated.
- High-temperature-enduring plastics and fire-proof material are used to build up the main body of the detector.
- The base is in common with other detectors made in this company for the facilitation of installation.
- Connections are non-polarized to avoid wiring mistakes.

SPECIFICATION

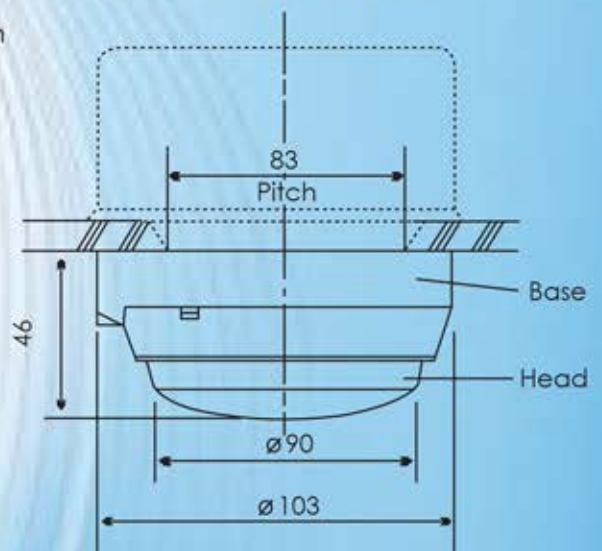
Model	HS-WL19L
Type	2 wire
Voltage Range	12~30V DC
Alarm Current	24V DC 30mA
Contact Rating	N/A
Polarization	Non-polarized
Alarm Temp.	Comply to EN54, CNS

Ambient Temp.	-10°C~+55°C
Ambient Humidity	0~95%
Material	Fire-proff Plastics
Dimensions	102 (Dia.) x 42 (H)mm
Weight	130g
Color	White

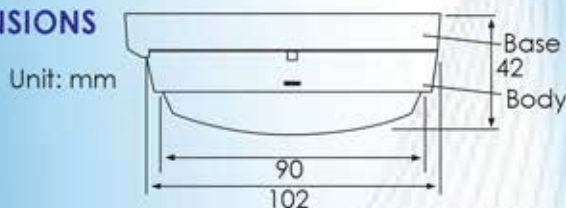
OPERATION PRINCIPLES



MOUNTING STATUS



DIMENSIONS



WIRING AND CONNECTION

