



AH-9616

Combination Heat Detector

Characteristics

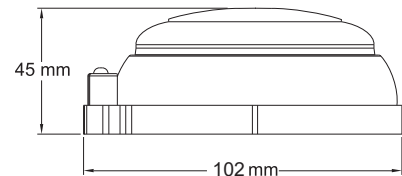
- Multi-purpose Design: this detector is designed to ensure the detection ability for temperature change during pre-fire period. Combination of two different heat detection functions (rate of rise and fixed temperature) could make the product with more safety and reliability.
- With accumulated water discharger to eliminate leakage of water from the distributing pipe and ceiling, which may leak into the detector and cause false alarm.
- Heated sensing diaphragm can operate consecutively for unlimited times, not effected by temperature, especially the conducting part use gold coating to avoid oxidation.
- Use alloy air equalizer to avoid humidity and stable the ventilate function. Alloy itself has many micro-holes that can expel non-fire heat to avoid false alarm.
- This detector has passed strict quality control by automatic test. To process auto mechanical setting for auto adjustment and repetitious test under stable temperature and humidity condition by computer control. Thus, the quality reliability from the first detector produced to the million's are consistency.

Specifications

| | | | |
|----------------------------|---|--------|------------------------------|
| Model | AH-9616 | | |
| Type | 2-wire | 3-wire | 4-wire |
| Alarm Contact | N/A | N/A | 0.8A @30V DC 0.4A @125VAC |
| Nominal temperature | Rate of Rise & Fixed Temp. 70°C (or other selections) | | |
| Voltage Range | 12 ~ 30V DC | | |
| Alarm Current @24V DC 470Ω | 40mA | 40mA | 30mA |
| Alarm Temperature | Comply to EN54, CNS | | |
| Ambient Temperature | -10°C ~ +55°C | | |
| Material | Fire-proof plastic | | |
| Dimensions | 102mm(Dia.) x 45mm(H) | | |
| Weight | About 140g | | |
| Color | White | | |

Effective alert area

| | | |
|---------------------|-------------------|-------------------|
| Construction/Height | Under 4M | 4M ~ 8M |
| Fire-proof Building | 90 M ² | 45 M ² |
| Ordinary Building | 50 M ² | 30 M ² |



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