



Combined ROR & Fixed Temperature Heat Detector



Thermistor sensor is used for long term accuracy & reliability



Microprocessor based circuit for more accurate "rate of rise" temperature measurements



Dual LED alarm indicators for 360° viewing angle

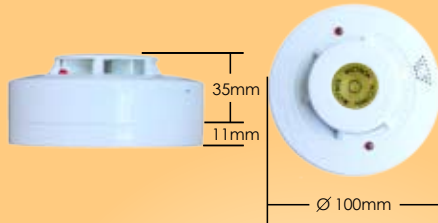


Built-in output circuit to drive external LED indicator



Thermistor Technology
1 Detector, 2 Functions
Double Protection

Dimensions



Technical Specifications

Brand	: Mictron
Model	: Series C
Type	: ROR & Fixed temperature
Part Number	: C-9HL
Rated Voltage	: 24V DC
Operating Voltage	: 12-35V DC
Standby Current	: 55uA
Alarm Current (max)	: 50mA
Permissible Current (max)	: 80mA
Alarm Fixed Temperature	: 57°C
Temperature Source	: Thermistor
Coverage Area	: 30m ² at 6m height
IP Rating	: IP42
Operating Temperature	: -10 to +50°C
Operating Humidity	: 95% RH (Non condensing)
Remote Output	: 15mA with diode gate
Weight	: 160g with base
Material	: ABS
Dimension	: 100mm X 46mm with base
Colour	: White
Approved Standard	: EN 54-5, DIFT
Certificate Number	: 0845-CPD-232.1617

Principles of Operation

The Mictron Series C Rate of Rise (ROR) & Fixed Temperature heat detector uses a thermistor as a temperature sensor with a linear resistance characteristics.

The built-in microprocessor with analog-to-digital convertor processes the input signal from the thermistor determine the fire condition. If the temperature exceeds the threshold value, or the rate of temperature rise exceeds the pre-programmed alarm value, a latching output circuit is triggered.

The thermistor sensor used in the Mictron heat detector resets when it returns to normal from the alarmed state and does not require replacement and maintenance.

The heat detector is suitable for monitoring areas where steam or fumes is present, such as kitchens or engine rooms.

Ordering Details

Part Number	Description
C-9HL	Detector with base
C-9HL-H	Detector head only
C-9HL-B	Detector base only

Other available Products:

Authorized Dealer:



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