

RATE OF RISE HEAT DETECTOR

CATALOGUE Model. **FPE.CL-182**

CERTIFICATE ISO 9001:2000/CE/CNS12681

FOR USE

ALL FIRE ALARM SYSTEMS UL/NFPA



DOCUMENTATION

DATASHEET

The interior and exterior of this detector is specially designed featuring with beautiful appearance, redliable performance, accurate operating and easier maintenance and longer life4. The function of the main unit and breaking-line designed base is supplementary for alarm made in case of breaking for perfect fire warning system operation (the inior is made with thick film hybrid IC). "THICK FILM HYBRID IC"

Appearance Structure

- The detector stands 5 cm only. The eight-sided smoke channel is free from deformation and guaranteed reliable sensibility.
- The extra-large 10.6 cm base is easier to install and resisting to defo-rmation.
- The case is made with PC fire resistance material through injection method. The breaker designde base meets the fire-fighting inspection standards.

Humidity resistance

Since the head is of close type, exterior humidity,dampand dust are less influential to itsperformance.

Line features

The detector will lock any income heat and dispatch information when it reaches the warning point the switchboard though current - limit resistance and diode for alarming. The ling normally is NO position and NC isproduced when in action.

Special featurig

Thisdetector is electronic that it is free from mechanical disadvan tages (such as oxidizaation of joints, temperature difference defect and aging) The reason of no aging is because of use ofhigh quality electronic parts and only with low current (35 uA only during supervising) that there will need almost no maintenance.

Line materials

SMD is adopted for theproduction featuring with resistant to humidity, temperature difference, and electrostatic. Outside interference is minimized that the error is lowest.

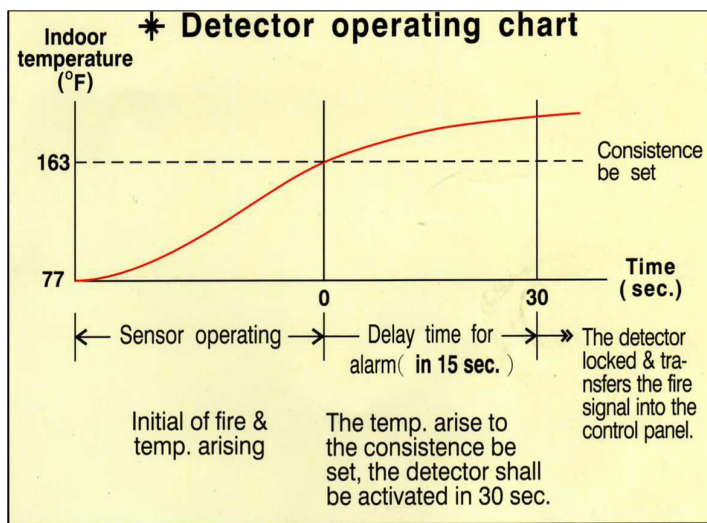
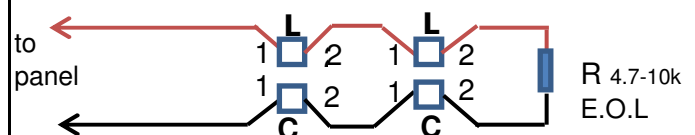
DETECTOR STRUCTURE

Appearance	Weight	Diameter	Height
Ivory	130g	10.6 cm	5 cm

EFFECTIVE WARNING AREA

Height above the ground	Below 4M	4-8M
Building	20M ²	15M ²

WIRING INFORMATION



TYPE	FPE.CL-182
Working woltage	DC 16 - 32 V (DC 24V)
Detecting temperature	30 C difference
Applicable humidity	0 -95% RH
Supervising current	DC 35uA
Action current	DC 100mA (MAX)
Sensibility	Inspection as per



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