



Analog Addressable Heat Detector

55000-450

Analog Addressable Heat Sensor/Detector
XP95 Series

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DESCRIPTION

The XP95 series analog addressable heat detector head, model 55000-450, is molded from white polycarbonate material with a low air flow resistance design. Stainless steel wiper contacts connect the sensor to the terminals, which are polarity insensitive, in the mounting base. Inside the sensor case is a circuit board with the sensing system on one side and the address capture, signal processing, and communication electronics on the other side.

The sensor monitors temperature by using a single thermistor network, which provides a voltage output proportional to the external air temperature. This analog voltage is converted to a digital signal, which is transmitted to the FACP for interpretation. The alarm threshold is programmed into the FACP.



**XP95 Heat Sensor/Detector
Model 55000-450**

FEATURES

- UL Listed
- MEA Listed
- CSFM Approved
- Compatible with the G-Force 4200 & 4102 panels
- Electronic temperature sensing
- Style 4, 6, or 7 communication wiring
- LED indicator
- Alarm flag for fast alarm reporting
- Alarm address for fast location of alarm
- Automatic addressing with the XPERT card
- Electronics free 4" or 6" bases
- Slide-easy bases
- Ease of installation
- Elegant design
- Manufactured by Apollo Fire Detectors Ltd.



4" base & XPERT card



55000-450

Analog/Addressable Heat Sensor/Detector

ORDERING INFORMATION

Model No.	Description
55000-450	Analog/Addressable heat sensor/detector head
45681-250	6" EZ fit base for XP95 addressable detectors
45681-242	6" relay base for XP95 addressable detectors
SDR-XP95	6" sounder base for XP95 addressable detectors, steady or temporal

SPECIFICATIONS

SLC Wiring:	2 wire supply, polarity insensitive	Remote Alarm LED:	4mA @ 5V
Supply Voltage:	16-28VDC	Sensing Element:	Single NTC Thermistor
Stand-by Current:	250µ A (.00025 Amp)	Alarm Temperature:	135°F (57°C) (55 counts in 7 bits or 110 counts in 8 bits) UL class "Ordinary"
Style:	Styles 4, 6, and 7	Atmosphere Pressure:	Unaffected
Ceiling Spacing:	60ft. UL, 20ft. FM	Storage Temperature:	-30° F to + 175° F (-34° C to +80° C)
Flat Ceiling Coverage:	Smooth ceiling, 60 ft.; to walls or partition, 25 ft.	Operating Temperature:	0° F to + 155° F (-18° C to +68° C)
Terminations: (Detector Head)	Stainless steel wiper contacts	Continuous Operating Range:	+32° F to + 100° F (0° C to +38° C)
End-of-Line resistor:	None	Humidity:	0% to 95% RH (No condensation or icing)
Address Setting:	XPERT Card, binary	Dimensions:	4" x 1.65" (100mm x 40mm)
Alarm Indicator:	Red LED	Weight:	3.0 oz. (85g)
Materials:	Sensor housing is white polycarbonate, V-O rated to UL 94	Mounting:	4" or 6" round base
Wind Speed:	Unaffected in fixed temperature use	Termination:	Stainless Steel, Nickel Plated
		Field Wiring/Base	



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