

Model 885WP-B Weatherproof Heat Detector with Fixed Temperature Alarm



Models Available

885WP-B



General Description

Model 885WP-B is a 2-wire fixed temperature (63 °C) heat detector. This detector is designed to provide open area protection in areas subject to moisture. This detector is sealed against the entry of moisture to a rating of IP67. The LED will latch on when the detector is in alarm.

Mounting

Each 885WP-B detector is used with a mounting base that permits the detector to be mounted directly to a 50 mm or 60 mm junction box.

Tamper-resistant Feature

This detector includes a tamper-resistant feature that prevents its removal from the mounting base without the use of a key. To make the detector tamper-resistant, remove the tab from the tamper arm on the mounting base using a cutting tool. Remove the tamper key from the center of the mounting base by twisting it back and forth several times (see Figure2). Once the detector is installed, it may be removed from the mounting base by inserting the T-shaped end of the key into the slot on the side of the unit and rotating the detector counter-clockwise.

Specifications

Diameter:	10.2 cm (4")
Height (including base):	4.8 cm (1.8")
Weight (including base):	170g (6.0 ounce)
Operating Temperature Range:	-15°C to 50 °C (5 °F to 122 °F)
IP Rating:	IP67
Sensitivity:	63 °C (145.4 °F) Fixed Temperature
Operating Voltage:	8.5 to 30VDC
Standby Current:	≤ 50 μA
Alarm Current:	Min. 2mA @ 3.1VDC Max. 80mA @ 6.5VDC
Latching Alarm:	Reset by momentary power interruption
Max .Air Velocity	20m/s

Figure 2. Module 885WP-B weatherproof Heat Detector Mounting Bracket

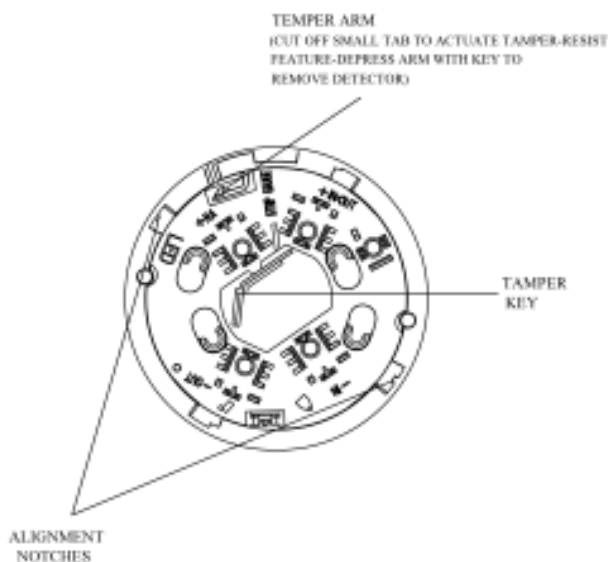


Figure 3.

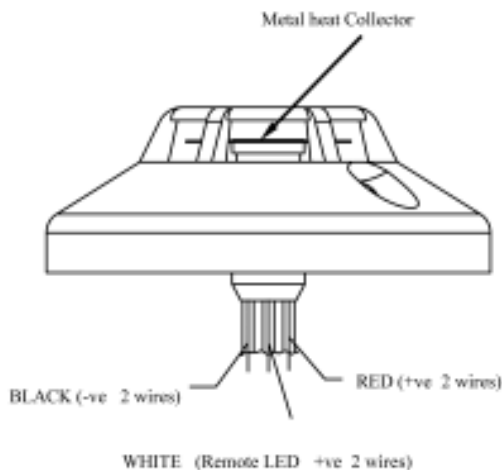
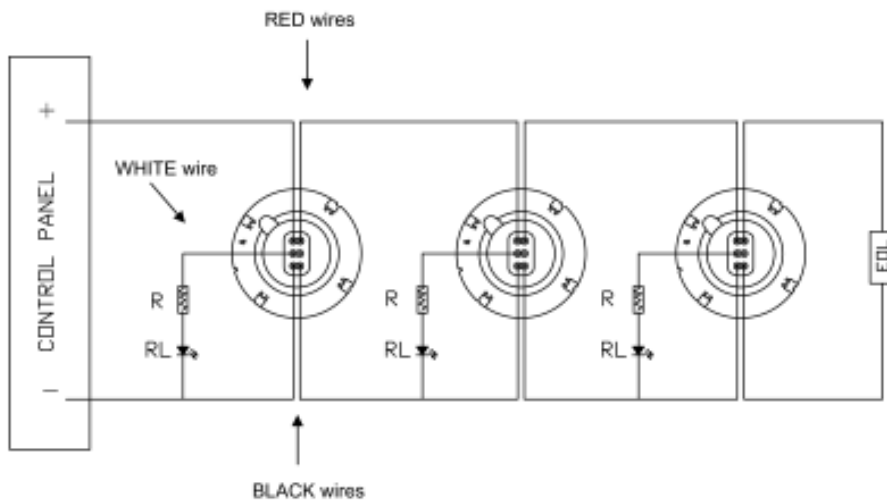


Figure 4. Detector Wiring Diagram



System Sensor Worldwide Manufacturing & Distribution

System Sensor Headquarters

3825 Ohio Avenue
St. Charles, IL 60174
Ph: 800-SENSOR2
Fx: 630/377-6495
Documents on Demand:
1-800-736-7672 x 3
Web:www.systemsensor.com

System Sensor - China

28 Tuan Jie South Road, Xi'an National
Hi-tech Industrial Development Zone,
Province of Shaanxi, 710075, CHINA
Ph: ++ 86.29.8832.0119
Sales Ph: ++ 86.29.8833.2810 8833.2827
Fx: ++ 86.29.8832.5110 8833.2959
Web:www.systemsensor.com.cn
E-mail: sales@systemsensor.com.cn

System Sensor - Canada

Ph: ++ 1.905.812.0767
Fx: ++ 1.905.812.0771

System Sensor - Singapore

Ph: ++ 65.273.2230
Fx: ++ 65.273.2610

System Sensor - Australia

Ph: ++ 61.3.5428 1142
Fx: ++ 61.3.5428 1172

System Sensor - Far East

Ph: ++ 852.2191.9003
Fx: ++ 852.2736.6580

System Sensor - Europe

Ph: ++ 44.1403.276500
Fx: ++ 44.1403.276501

System Sensor - India

Ph: ++ 91.124.637.1770 Extn 2700
Fx: ++ 91.124.637.3118