



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 75-05-E

**Manufacturer:** System Sensor, Unincorp. Div. Of Honeywell Int'l. Inc., 3825 Ohio Avenue, St. Charles, IL 60174

**Trade Name(s):** System Sensor

**Product:** Fire Alarm Equipment

**Pertinent Code Section(s):** RS 17-3, RS 4-6 (886-89-BCR)

**Prescribed Test(s):** UL 268 Standard

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File S2522, Vol. 3, Section 1, issued August 30, 2004, Project #03NK20772

**Description:** Fire Alarm equipment.

#### **Model Nos. BEAMHK and BEAMHKR – Heat Accessories**

The BEAMHK allows the transmitter/receiver or the System Sensor reflected-beam smoke detectors to operate in environments prone to the formation of condensation. Condensation forming on the beam detector unit may result in trouble or false alarm conditions. BEAMHK will lessen the likelihood of condensation by maintaining the unit at a temperature that is slightly higher than the surrounding air. The kit requires the use of an additional power supply for intelligent units that do not have the automatic test feature. Heaters used in conventional units or intelligent units with the automatic test feature, will operate from a power supply already used to operate the beam unit.

#### Engineering Considerations: (Not for Field Representative Use)

For use with listed Models – TC847A1004, TC847A1004A, FSB-200, FSB-200S, FSB-200A, FSB-200SA. BEAM200, BEAM200S, BEM200A, BEAM200SA, BEAM1224, BEAM1224S, BEAM1224A, BEAM1224SA, BEAM355, BEAM355S, BEAM355A and BEAM355SA – projected beam smoke detectors.

If the BEAMHK is connected to a 4-wire conventional-type beam detector (Models BEAM1224, BEAM1224S), the BEAMHK is powered from the beam detector. If the BEAMHK is connected to an analog-type beam detector (Models BEAM200, BEAM200S, BEAM200A, BEAM200SA, FSB-200, FSB-200S, FSB-200A, FSB-200SA, BEAM355, BEAM355S, BEAM355A, BEAM355SA, TC847A104, TC847A1004A), the BEAMHK is powered from the beam detector's auxiliary power supply.

The accessory is suitable for use in ambient temperature of -30° to 55°C.

Ratings:

Heating Accessory	Voltage	Power	Maximum Current (mA)
BEAMHK	24 V DC	1.6 W	92 mA
	32 V DC	3.0 W	
BEAMHKR	24 V DC	7.7 W	450 mA
	32 V DC	15.0 W	

Operating Voltage (BEAMHK and BEAMHKR) – 15 to 32 V.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated March 15, 2005, F.P. Index #0503003.

**Terms and Conditions:** The above units are accepted on condition that:

1. All uses, configurations, arrangements and functions, application and installations comply with the provisions of New York City Building Code, and Reference Standard 17-3C.
2. The installation shall be in accordance with the manufacturer's recommendation, NFPA 72 and the UL Standard.
3. The above products shall be used only with approved and listed projected-beam smoke detectors with which the compatibility has been determined and acceptable by the UL Report (File S2522, Vol. 3).
4. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the Building Code.

Final Acceptance September 6, 2006  
 Examined By Donald X. [Signature]