

**CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner

**MEA 44-00-E  
Report of Material and Equipment Acceptance Division**

**Manufacturer - Systems Sensor, 3820 Stern Avenue, St. Charles, IL. 60174**

**Trade Name(s) - System Sensor.**

**Product – Extinguishing System Attachment, for use in hazardous locations.**

**Pertinent Code Section(s) - 27-977, RS 17-5 ANSI/NfiPA No. 72.**

**Test(s) - UL 1203, UL 346.**

**Laboratory - Underwriters Laboratories, Inc.**

**Test Report(s) - UL File E200116, project 99NK25582, Volume 1 Section 1, dated December 13, 1999 and file E200116, Volume 1 Section 2, dated December 27, 1999.**

**Description - Wet pipe sprinkler system attachments: Water flow indicators (paddle type) for use in Class I, Groups B, C and D; Class II, Groups E, F and G.**

<b>Model</b>	<b>Size, in.</b>	<b>Pipe Schedule</b>	<b>Maximum Working Pressure, psig</b>
WFD20EXP	2	10 through 40	450
WFD25EXP	2-1/2	10 through 40	450
WFD30EXP	3	10 through 40	450
WFD35EXP	3-1/2	10 through 40	450
WFD40EXP	4	10 through 40	450
WFD50EXP	5	10 through 40	450
WFD60EXP	6	10 through 40	450
WFD80EXP	8	10 through 40	450

Pressure switches, Models EPS10EXP, EPS40EXP, EPS120EXP for use in Class I, Groups B, C and D; Class II, Groups E, F and G. The pressure switches are intended for use indoor or outdoors in a dry or wet pipe system to detect a change in pressure. Models EPS10EXP operate between 4 to 20 psi. The Models EPS40EXP operate between 10 to 100 psi and models EPS120EXP operated between 10-200 psi.

**Ratings - The units are rated as follows:**

Model	Pressure Range psi	V	Current
EPS10EXP	4-20	125/250 V ac 24 V dc	10 A 2.5 A
EPS40EXP	10-100	125/250 V ac 24 V dc	10 A 2.5 A
EPS120EXP	10-200	125/250 V ac 24 V dc	10 A 2.5 A

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objection letter dated February 24, 2000, F.P. Index #0002045.

**Recommendation - That the above units be accepted on conditions that all uses, locations and installations shall comply with all New York City codes, rules, regulations and testing requirements and in particular with the requirements of Subchapter 17, RS 17-2 and RS 17-3 of the Administrative Code and on further condition that:**

1. Underwriters Laboratories Inc.'s listing requirements and limitations shall be complied with.
2. Manufacturer's installation, maintenance procedures and limitations shall be complied with.

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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance Mark 232000  
Examined By Mark Jueby