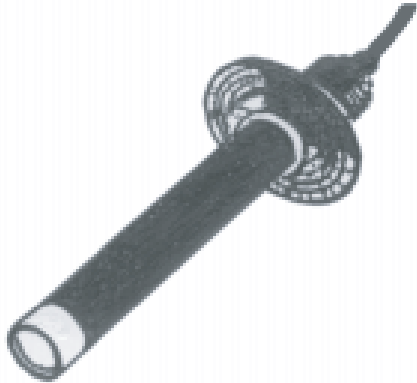


Explosion Proof Rate Compensated Heat Detector



Features

- Rate compensated type of detector
- Durable hermetically sealed STAINLESS STEEL shell
- Comes in a wide range of temperature settings
- Explosion proof
- Easy to install

Description

The Rate Compensated Heat Detectors provide accurate, positive response to fire threats. They are typically used to activate alarms and actuate extinguishing systems. They virtually eliminate false alarms.

They combine the best features of both Fixed Temperature and Rate-of-Rise detectors. All models are self-restoring, hermetically sealed, shock and corrosion resistant, and tamper-proof.

The Rate Compensated Heat Detectors are as reliable as they are simple. The unit's stainless steel shell expands as the temperature increases. At a pre-determined point, the shell's expansion causes a set of contacts to close sending an alarm signal to the Control Panel.

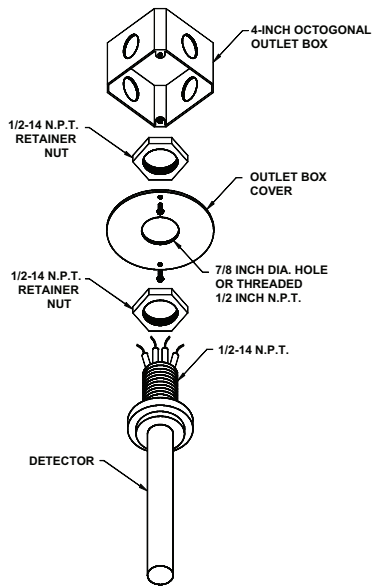
When the surrounding air temperature goes below the rated temperature level, the shell contracts which forces contacts to open, thus automatically resetting the detector.

The Rate Compensated Heat Detectors come in a variety of temperature settings including: 60°C (140°F), 88°C (190°F), 107°C (225°F), and 163°C (325°F). Call your representative for other temperatures.

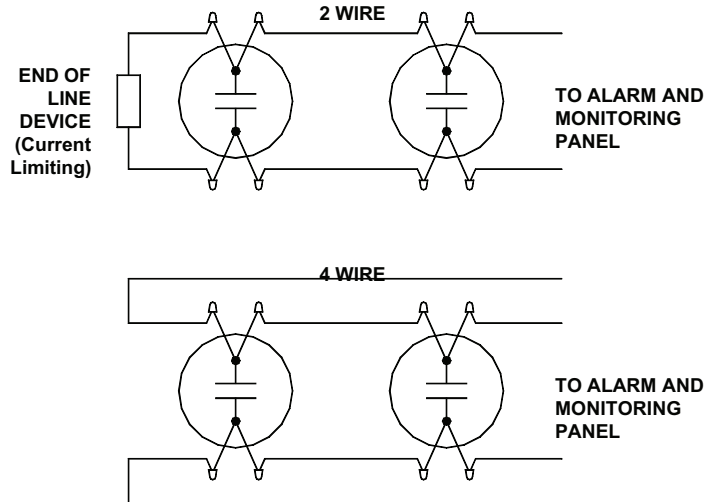
The Rate Compensated Heat Detectors can be installed in hazardous locations. They are recommended for Class 1, Groups B, C and D locations and for Class 2, Groups E, F and G locations. It is important when the detector is mounted in an explosion-proof environment that a suitable explosion-proof junction box is used.



Installation & Wiring



NOTE: DO NOT EXCEED A MAXIMUM TORQUE OF 20 F-LB WITHOUT THREAD LUBRICANT



Technical Specifications

Electrical			
Contact Rating (Resistive only)	5A @ 125 VAC/0.5A @ 125 VDC/2A @ 24 VDC/1A @ 48 VDC		
Physical			
Length	93 mm (3.6 in.)	Weight	170 g (6 oz.)

Ordering Information

Model Number	Description
221-07878-00	Rate Compensated Heat Detector @ 60°C (140°F)
221-07301-00	Rate Compensated Heat Detector @ 88°C (190°F)
221-07945-00	Rate Compensated Heat Detector @ 107°C (225°F)
221-11784-00	Rate Compensated Heat Detector @ 163°C (325°F)
391-13896-00	Circular cover (4.25" dia.) with one centre hole 1/2" NPT