

P/N 83-131034-XXX

## FEATURES

- *Self-Restoring Heat Detector*
- *Input Wiring Via Environmentally Sealed Connector*
- *Wire in Series with KVS IR Detector*
- *Rugged to Withstand Shock and Vibration*
- *Easy to Install and Service*
- *Protected Against Water and Washdown*
- *Contact Orientation Marked for Secure Installation*
- *Comes with Mounting Bracket*
- *No Weathertight Box Needed*
- *Long Lasting Stainless Steel Shell*

## DESCRIPTION

The Kidde KVS™ Detect-A-Fire® (KVS DAF) is used with the KVS-2000, KVS-2020 Vehicle Control Panel and the EM-1 Expansion Module. These reliable devices have been an industry standard for over 50 years. The KVS DAF is a rate compensated heat detection device, providing fast accurate detection of fire.

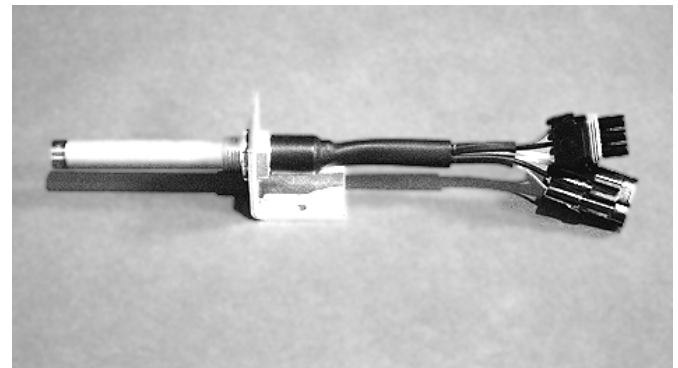
Using the trusted 28121 Series of Coupling Type Detect-A-Fires, the KVS DAF utilizes water resistant connectors and construction for protection against water and wash-down. This eliminates the need for mounting on a weathertight enclosure. In addition, the orientation of the contacts are marked by the Fenwal® logo which allows for installation of the unit in either the horizontal or vertical (or anywhere in between) position. A mounting bracket is included with the assembly.

### TECHNICAL DATA

- UL Listed and FM Approved Contact Rating:  
2 Amps at 24 Vdc
- Carbon Steel Mounting Bracket
- Operating Temperature Range:  
See Table 1. -65°F to 200°F (-54°C to 93°C)

**Table 1: New Thermal Set Points**

Part Number	Point	Maximum Exposure Temperature
83-131034-275	275°F (135°C)	125°F (52°C)
83-131034-360	360°F (182°C)	225°F (107°C)
83-131034-450	450°F (232°C)	350°F (177°C)
83-131034-600	600°F (316°C)	500°F (260°C)

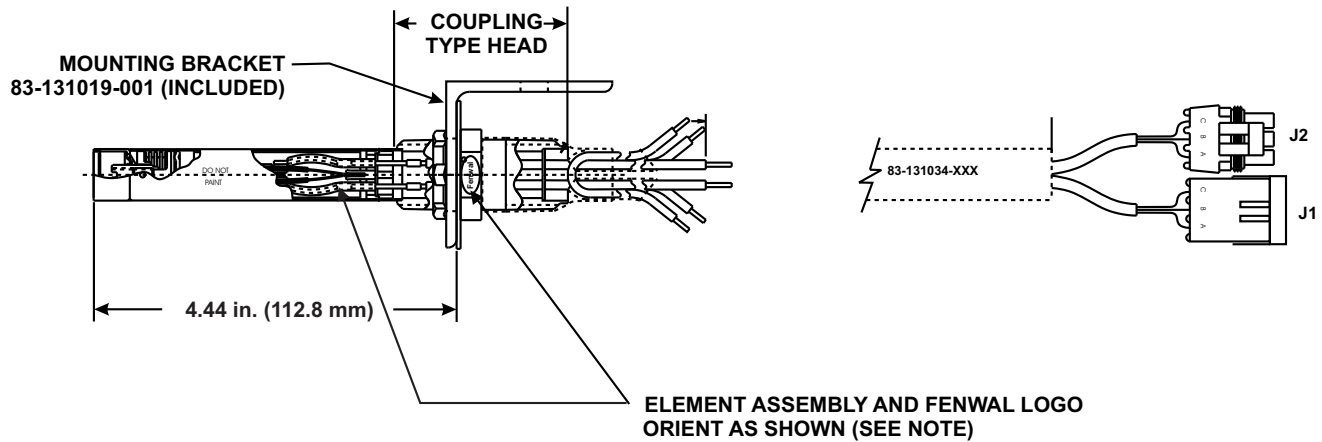


## ORDERING INFORMATION

Part Number	Description	Shipping Weight
83-131034-XXX (Temperature, F)	KVS Detect-A-Fire	
83-131025-100	Electric Operated Control Head	3 lb.
83-132003-001	EM-1 Expansion Module	1 lb.
83-132001-001	IR-1 Optical Sensor	1 lb.
83-132002-001	KVS-2020 Control Panel	1 lb.
83-132017-001	KVS-2020 Backup Battery Module	5 lb.
83-100000-XXX	KVS-2000 Control Panel	
83-131024-001	Gauge Shield	

KVS Dry Chemical Fire Suppression Systems

KVS Foam/Wet Chemical Fire Suppression Systems



**NOTE: WHEN MOUNTING IN ANY POSITION OTHER THAN VERTICAL, THE "FENWAL" LOGO MUST FACE DIRECTLY UP OR DIRECTLY DOWN.**

Figure 1. Diagram of KVS Detect-A-Fire

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