

ADV-React Analog Linear Panel

Overview

- Maximum 500m (1,640 ft) continuous sensor cable length- Alarm "Hot Spot" 3% of installed sensor cable length
- Analogue sensing
- Separate Pre-Alarm & Alarm outputs
- Alarm should controller internal temperature reach 100C (212F)
- No complicated set up procedure using nomograms or similar
- Simple 3 step Installation
 1. Measure Calibration Resistance
 2. Select desired Alarm Temperature
 3. Download settings
- Alarm Temperatures available over all sensor cable lengths
- No reduction in installed sensor cable length for higher ambient temperature applications
- Ambient Temperature Compensation maintains alarm temperature accuracy
- Calibration resistance eliminates requirement to specify installed sensor cable length
- Self - Restorable after an alarm condition signal to 125C (257F)
- Flexible sensor Cable for easy mechanical installation
- Short Circuit Discrimination
- Open circuit fault monitoring
- Remote RESET input
- Compatible with ALL central alarm and building management Control Panels
- Extrusion and Braiding options for all types of environments and risks



Description

ADV-React temperature sensing is a new generation of "analogue" linear detection which provides the end user with a simplified on site calibration of ALARM temperature and optional PRE-ALARM temperature settings. A dedicated interface unit monitors up to 500 metres/1,640 ft of specially doped polymers within the sensor cable where electrical resistance levels alter with temperature changes. The interface unit is simple to install and commissionusing an integral self - programming feature. The ADEVA linear sensor cable used with the interface...which is self - restorable after an alarm up to 125C (257F) has been designed to be physically and electronically rugged to meet the requirements of an increasingly diverse range of applications.

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