

# DIGITAL TEMPERATURE SENSOR CABLE

## AEC-EPC

### Description

The linear heat detector is a thermal cable consisting of two stranded steel conductors covered by a layer of heat sensitive polymer.

Available in various firing temperatures. Upon reaching the temperature, the contact between the two conductors is caused, generating the alarm signal.

Main features:

- Its resistivity of 0.65 Ohms / m. allows to identify the distance to the heat source.
- Ideal for protecting cable trays, tunnels, conveyor belts, petrochemicals, warehouses, machinery ...
- "-M" models with external steel fastener for ease of installation.



Table of maximum ambient temperatures of the installation allowed depending on the alarm temperature:

Alarm temperature (°C)	68	88	138	180
Maximum ambient temperature (°C)	37,8	65,6	93,3	105/121,1

### TECHNICAL CHARACTERISTICS

ALARM T <sup>a</sup>	REFERENCE
68 °C	AEC-EPC68
68 °C con cable fiador	AEC-EPC68M
88°C	AEC-EPC88
88°C con cable fiador	AEC-EPC88M
105°C	AEC-EPC105
105°C con cable fiador	AEC-EPC105M
138 °C	AEC-EPC138
138 °C con cable fiador	AEC-EPC138M
180 °C	AEC-EPC180
180 °C con cable fiador	AEC-EPC180M
Diameter: 4mm.	
Approvals: UL and FM.	
Coverage area: Up to 15.2 meters.	
Presentation in 152 meter reels. Other distances by "special cut" up to a maximum of 1000 meters.	