

Type E Heat Detector

Features

- Resetting Type Heat Detector
- Rate Compensation & Fast Response
- Wide Temperature Range
- Gold Plated Electrical Contacts
- Corrosion & Shock Resistant
- Dual Mounting Threads

Description

The Type E Heat Detector is a thermal sensitive switch. It is a fixed temperature device with a factory pre-set temperature in the range 60 °C to 240 °C. The detector comprises a pair of normally open electrical contacts mounted within a stainless steel probe. A rise in temperature will cause the contacts to close at the set point temperature. With a drop in temperature the procedure reverses and the contacts re-open below the set point temperature.

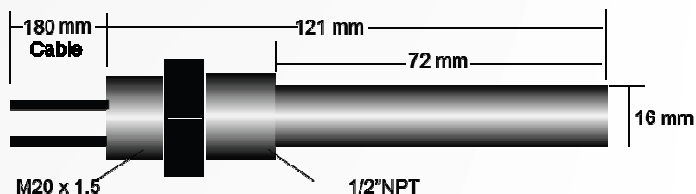
The detector body is a seamless one piece unit, precision machined from AISI 316 stainless steel with high corrosion resistance.

Electrical contacts are gold/silver plated and the lead cables are nickel plated copper with PTFE/glass insulation. Cables are to aircraft engine specification. The operating parts are factory calibrated and sealed against severe environmental conditions, further adjustment or calibration is not required.

Applications

- Offshore oil & gas
- Petroleum refining
- Mines, mining equipment & vehicles
- Chemical processing
- Marine & rail transport
- Power generation

Dimensions



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Item Numbers

223-0002	Type E Heat Detector Dual Thread
223-0003	Type E Heat Detector Single Thread

Specifications

Contacts	- Normally open, close on temp set-point
Operating Current	0.25 A max
Applied Voltage AC at 0.25A	32 V max
Applied Voltage DC at 0.25A	32 V max
Operating Temp Set-point	+60 °C to +240 °C
Ambient Temp Range	-40 °C to +180 °C
Relative Humidity	100%
IP rating	IP67
Weight	140 grams
Sensitivity & Accuracy	+/- 5% or degrees
Approvals	AS1603-1 (CSIRO)