

ProReact VHT Digital Fixed LHD Cables

Linear Heat Detection

- Linear heat detection cable with an activation temperature of 230°C (445°F)
- Can withstand continuous ambient operating temperatures of up to 170°C (338°F)
 - UL, FM, CE and RoHS approved
- Optional stainless steel braid outer coating for additional protection



ProReactVery High Temperature (VHT) Digital LHD cable has been developed to detect and alert operators of overheating and fires in environments that are normally exposed to extremely high temperatures.

ProReactVHT Digital LHD cable is specially constructed to provide a reliable form of linear heat detection that can withstand continuous ambient operating temperatures of up to 170°C (338°F) and high humidity (>90% Relative Humidity). It is approved in line with UL521 and FM Class 3210 standards and is fully RoHS compliant.

Furthermore, the cable can be used in conjunction with automatic fire suppression systems in order to manage instances of overheating or fires at the earliest opportunity.

ProReactVHT Digital LHD cable is compatible with Thermocable's ProReact Digital interface Monitor Module to allow operators to accurately pinpoint the location of an incident and to minimise the likelihood of false alarms.

Technical Data

Activation temperature:	230°C (445°F)
Operating temperature range	-40°C (-40°F) to +170°C (338°F)
Colour	Green in accordance with NFPA & UL521
Diameter [with stainless steel braid]	5.00mm +/- 0.1 mm (0.196" +/- 0.04") [5.50mm +/- 0.1 mm (0.216" +/- 0.04")]
Optional coatings	Stainless steel braiding

Benefits:

- UL, FM, CE, RoHS approved to meet end user specifications
- Broad ambient operating temperature range
- Highly chemical resistant outercoating
- Quickly locate and respond to an incident with the optional ProReact Digital interface Monitor Module (DiMM)

Typical markets and applications:

- Commercial cookerhoods
- Vehicle engine bays
- Conveyors
- Floating roof tanks

