

ProReact Plus Digital Fixed Temperature LHD Cables

Linear Heat Detection

- ✓ Low smoke zero halogen alternative to traditional fixed temperature LHD cable
- ✓ All variants fully cUL/UL521 approved and CE marked
- ✓ Flame retardant and highly oil and fuel resistant
- ✓ UV stable for indoor and outdoor use



Low smoke zero halogen cables are being increasingly specified and used in environments where smoke and harmful emissions released in the event of a fire could endanger human life.

Other applications require chemical resistance, especially to hydrocarbons, to ensure longevity of the detection cable and prevent false alarms.

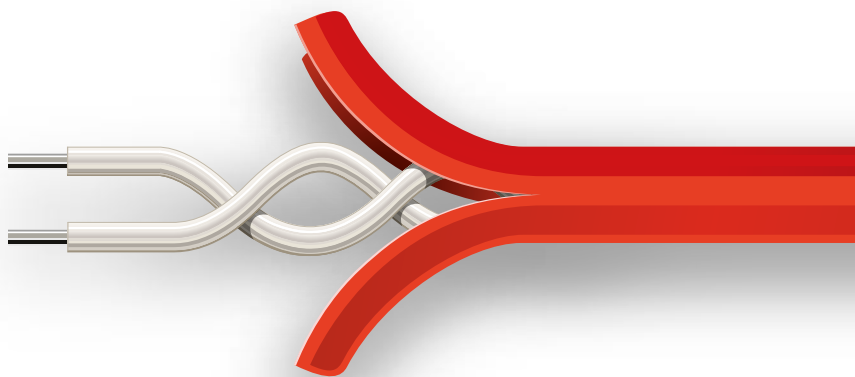
UV stability is a necessity in outdoor applications to prevent long term degradation of the cable jacket. In the past, specialist outer coatings have been required in order to achieve UV stability.

ProReact Plus Digital LHD cable is a low smoke zero halogen, UV stable and hydrocarbon resistant alternative to traditional fixed temperature linear heat detection cable.

ProReact Plus Digital LHD cable is encased with a new low smoke zero halogen, UV stable and highly hydrocarbon resistant coating that minimises the release of smoke and harmful emissions in the event of a fire. The cable is also flame retardant and highly oil and fuel resistant ensuring it can be used in harsh environments. Inherent UV stability means it is suitable for indoor and outdoor applications. Finally, the cable

has improved cold temperature operation allowing it to be used in environments where temperatures may go down to -60°C. The optional stainless steel outer braid, which also holds a full UL approval, can also provide additional mechanical protection when required.

Like Thermocable's ProReact Digital LHD and VHT cables, **ProReact Plus Digital LHD** cable is fully compatible with Thermocable's Digital interface Monitor Module.



Certificate No. 5169
ISO 9001:2015



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ProReact Plus Digital Fixed Temperature LHD Cables **Linear Heat Detection**

Detector Action Temperatures

- 65°C (149°F) - Standard Coating and Stainless Steel Braid
- 75°C (167°F) - Standard Coating and Stainless Steel Braid
- 85°C (185°F) - Standard Coating and Stainless Steel Braid
- 100°C (212°F) - Stainless Steel Braid
- 110°C (230°F) - Standard Coating

ProReact Digital interface Monitor Module

Thermocable's ProReact Digital interface Monitor Module is designed to enhance the functionality of existing or new digital LHD systems. The UL864 10th Edition approved module monitors up-to two zones of digital LHD cable. A unique interlock/coincidence detection mode eliminates the possibility of false alarms by requiring both LHD cables to trigger before an alarm is transmitted.



Benefits

- Fully cUL/UL521 approved and CE marked
- UV stable for indoor and outdoor use
- Low smoke, zero halogen construction
- Flame retardant and highly oil and fuel resistant
- Maintains flexibility at low temperatures (down to -60°C)
- Broad ambient operating temperature range
- Optional UL approved stainless steel outer braiding for additional mechanical protection
- RoHS compliant
- Compatible with all ProReact LHD Accessories
- Suitable for Hazardous Area environments

Typical markets and applications:

- Tunnels
- Floating roof storage tanks
- Cable trays
- Warehousing
- Escalators
- Underground transport networks



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