



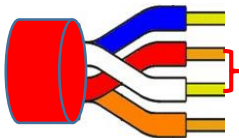
ALANKAR

CABLE INDUSTRIES



“Fireguard Analogue” LHS Cables

1. System design



Continuity monitoring
Resistance (Temperature Sensing)
Continuity monitoring

The maximum ambient temperature must be identified. This depends on climatic and working conditions. Two other variables must be established. The maximum length of sensor cable to be employed in the risk area. The calibration resistance to be set at the Lhd4 control unit. When the maximum length has been selected, the calibration resistance can and the corresponding alarm temperature identified.

Designed lengths must take into consideration the most likely exposure under identified overheating or fire risks.

2. Description:

Fireguard Analogue sensor cable senses temperature variations by continuously monitoring the resistance of specially doped NTC polymeric insulation. A change in temperature produces a relative change in resistance. Between the two loops within the sensor cable – as temperature increases, resistance is lowered. Provided the sensor cable has not been directly subjected to temperatures greater than 120°C for excessive periods, it will recover to an alert condition after activating an alarm. Upon destruction, Fireguard analogue cable fails permanently into the alarm state.



Analogue Cable

LHD4 Control Unit

Landline: - 011-41513197 **Mobile no:-**9810003197

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CABLE INDUSTRIES 

Benefits: -

- Recoverable after operation
- Sensitive to small temperature variations
- CE Approved and Rohs compliant
- Open and short circuit detection Reduces the risk of false alarms
- Optional pre-alarm setting allows the User to manage risk more effectively
- Cable based sensing allows Detection at the point of risk
- Low installation and Maintenance costs reduce Total cost of ownership

Special Features:-

- Alarm & Pre-alarm temperature
From 54°C (129°F) to 100° C (212°F)
- Continuous Length (Max. 500m/1640ft per zone)
- Ambient Temperature Compensation.
- Alarm hotspot 3% of zone length.
- Analogue Sensing.

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