

MARINE LINEAR HEAT DETECTOR

The linear heat detector Class A1 (EN 54-5) from LISTEC is a customized tailor-made solution suitable for indoor and outdoor environment, with benefits for ship-owners, crew on board, shipyards, installation & integration companies.

The linear fire detector contains:

- an electronic sensor cable SEC 15 with up to 99 addressable heat sensors per cable connection with selectable sensor spacing of 1 to 5 meter, and with own individual address for each sensor
- branching at any point in the cable via the specific connection box
- the marine central control and evaluation unit SCU 800-03

It is particularly suitable to measure temperatures from -55° C up to +85° C (indoor, outdoor, open deck zones, balconies, etc.), with a 0.1° resolution in areas which are not or difficult accessible during normal operation.

The LIST linear heat detector offers a safe and reliable detection of fires with the free adjustable alarm and pre-alarm thresholds (set-points) for maximum temperature and for differential temperature:

- quickly rising temperatures
- slowly rising temperatures

The proven evaluation algorithms minimise the risk of false alarms.

The marine central control unit SCU 800-03 allows additionally a permanent self checking function of all the connected LIST heat detectors for a maximum security on board. Through a constant interrogation, all sensors will be checked every 10 seconds.

The easy integration of the marine linear addressable heat detector LIST with the fire panel takes place through relays and via RS 485 and is compatible with nearly all of the known fire panels.

LISTEC advanced technology offers a reliable solution for the heat detection especially in rough environmental conditions such as:

- car park decks (fumes, dusty, high speed air flow,etc)
- balconies (salt mist, temperature changes, high speed air flow, etc.)
- cable trays (small spaces, difficult access)
- cold storage, etc.

The precise localization of a fire enables the optimization of the fire extinguishing actions.

GL certificated and MED under preparation.



MARINE with LIST

