

# **ProReact EN Digital** **Linear Heat Detection**



- ✓ The first digital linear heat detector system to be approved to European EN54 standards
- ✓ Designed for use in both indoor and outdoor installations
- ✓ Low smoke zero halogen material coating



## **EN54 certified digital linear heat detection cable**

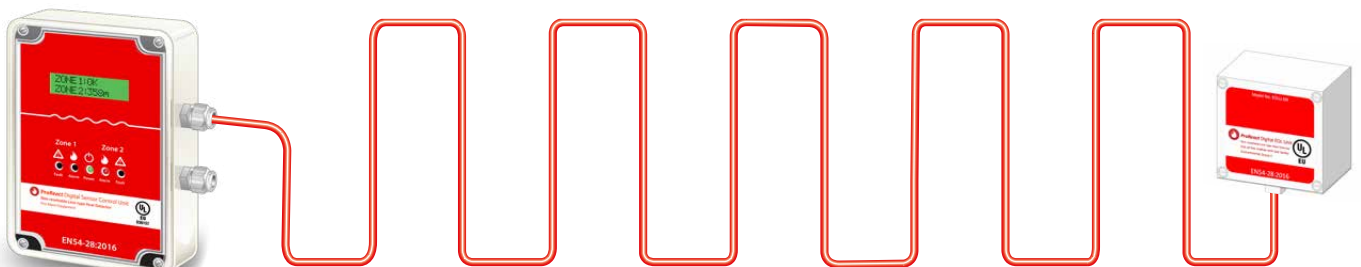
Given the growing importance of fire and life safety across the globe, it is essential that fire alarm and fire detection systems hold the required certifications within relevant jurisdictions. Thermocable is proud to announce the launch of its new ProReact EN Digital LHD range of solutions that have been developed specifically to meet the needs for Europe.

The fire detection industry in Europe is strictly regulated by the European standards and all equipment used within the region must hold EN54 certification.

**EN54-28:2016 Non-resettable line-type heat detectors** was approved by CEN in December 2015 and specifies the requirements and performance criteria of non-resettable (or 'digital') linear heat detection cable within Europe.

Thermocable have developed and designed its ProReact EN Digital LHD system that meets this criterion and, in doing so, introduces the **first EN54-28:2016** certified linear heat detection system to Europe.

## **Certified System Design**



ProReact Digital Sensor Control Unit (DSCU-EN)

ProReact EN Digital LHD Cable

ProReact Digital End of Line Unit (EOLU-EN)



Call: +44 1274 882359  
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# ProReact EN Digital Linear Heat Detection

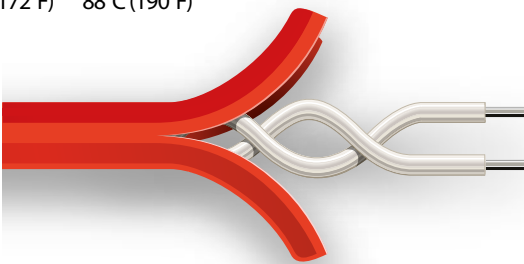


## ProReact EN Digital LHD Cable

Like Thermocable's existing range of ProReact Digital LHD cables, the ProReact EN Digital LHD cable consists of a twisted pair of metal cores, sheathed in advanced temperature sensitive polymers. These polymers soften at a given temperature that brings the cores into contact and triggers an alarm.

## Detector Action Temperatures

78°C (172°F) 88°C (190°F)



ProReact EN Digital LHD Cable

## ProReact Digital Sensor Control Unit (DSCU-EN)

Thermocable's ProReact Digital Sensor Control Unit (DSCU-EN) is an EN54 certified dual zone alarm point distance locating module that is compatible with the ProReact EN Digital LHD range of cables. It can monitor up to 2,000 metres (6,562 ft) across two zones of digital LHD cable. It contains the popular interlock detection mode from the ProReact Digital Interface Monitor Module (DiMM) that reduces the possibility of false alarms.



ProReact Digital Sensor Control Unit (DSCU-EN)

## ProReact Digital End Of Line Unit (EOLU-EN)

Thermocable's ProReact Digital end of line unit with test facility has also been certified to **EN54-28:2016** and enables users to undertake hassle-free functional testing of the system. Users can verify normal conditions, trouble and alarm functions of a system by simulating a break in the cable or overheat condition.



ProReact Digital End of Line Unit (EOLU-EN)

## Benefits

- The **first** digital linear heat detection system to be certified to **EN54-28:2016**
- Wide coverage - up to 1,000 metres (3,280 ft) of ProReact EN Digital LHD cable per zone
- Thermocable's ProReact Digital Sensor Control Unit (DSCU-EN) can monitor up to two zones of ProReact EN Digital LHD cable
- Improved testing and maintenance functionality with Thermocable's ProReact Digital End Of Line Unit (EOLU-EN)
- Manufactured in the UK and short lead times ensuring quick delivery across Europe

## Typical markets and applications:

- Car parks
- Oil and gas tank farms
- Mines
- Cable trays
- Cold storage
- Conveyor belts



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