

ProReact EN Digital Linear Heat Detection



- ✓ The broadest range of EN54-28 approved linear heat detection cables
- ✓ Designed for use in both indoor and outdoor installations
- ✓ Low smoke zero halogen material coating



EN54 certified digital linear heat detection cable

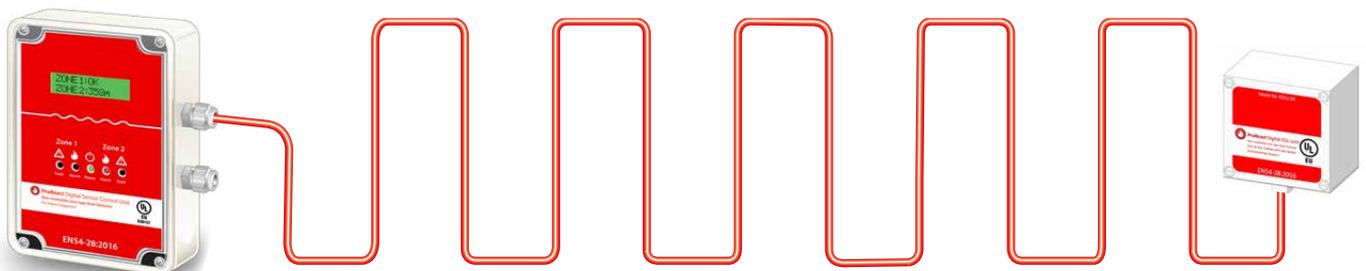
Given the growing importance of fire and life safety across the globe, it is essential that fire alarm and fire detection systems hold the required certifications within relevant jurisdictions. Thermocable is proud to announce the expansion of our ProReact EN Digital LHD range of solutions that have been developed specifically to meet the needs for Europe. Adding a new 68°C cable to the product family, we now provide the broadest range of EN54-28:2016 accredited digital linear heat detection products on the market.

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 developed and designed our ProReact EN Digital LHD system to meet this criterion and, in doing so, introduced the first **EN54-28:2016** certified linear heat detection system to Europe in 2016. Building on this further, we were delighted to introduce our new, lower-temperature activating cable to the range in 2023.

Certified System Design



ProReact Digital Sensor Control Unit (DSCU-EN)

ProReact EN Digital LHD Cable

ProReact Digital End of Line Unit (EOLU-EN)



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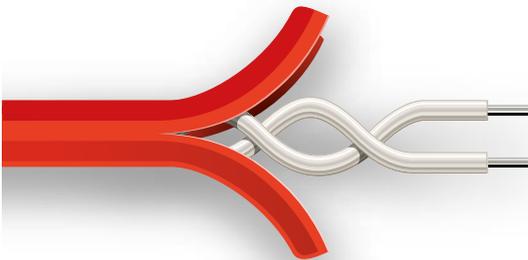


ProReact EN Digital LHD Cable

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

68°C (154°F) 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

- Robust fire detection for dirty, dusty and hard to maintain areas
- 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
- Thermocable provides the broadest range of **EN54-28:2016** accredited digital linear heat detection products on the market

Typical markets and applications:

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



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