

# Proreact<sup>®</sup> Fixed Activation Temperature Digital Interface Monitor Module

**A1349**

The Proreact Fixed Activation Temperature LHD system uses a heat sensitive cable to monitor an area, critical equipment or the like, for an overheat or fire condition.

The Digital Interface Monitor Module continuously monitors the resistance of temperature sensitive polymers within the Proreact Fixed LHD Cable.



## FEATURES

- Designed for use in both indoor and outdoor installations
- Wide coverage - up to 3,000 metres (9,842 ft) of Proreact Fixed Activation Temperature LHD cable per zone
- The Proreact Fixed Activation Temperature Digital Interface Monitor Module can monitor up to two zones of Proreact Fixed Activation Temperature LHD cable
- Improved testing and maintenance functionality with the Proreact Fixed Activation Temperature End Of Line Unit
- Manufactured in the UK and short lead times ensuring quick delivery across Europe

## MECHANICAL SPECIFICATION

Colour	Light Grey with Clear Lid
Dimensions	120 (h) x 180(w) x 61(d) mm 4¾"(h) x 7 1/8"(w) x 2 3/8"(d)
Rating	NEMA 4, 4X (IP65)
Weight	0.67 kg (1½ lb)

## ENVIRONMENTAL

Operating temperature range -20°C to +50°C (-4°F to +122°F)

## APPROVALS

Worldwide approvals to meet end user specifications certification. Visit our website for up-to-date approvals information.

## APPLICATIONS

- Cable trays
- Cold storage and industrial
- Floating roof storage tanks
- Mines
- Oil and gas industries
- Power generation industries
- Tunnels
- Warehousing

## ELECTRICAL SPECIFICATION

Operating voltage	12 Vdc - 36 Vdc (UL)
Max. current consumption:	
Normal operation	15 mA @ 20 Vdc to 5 mA @ 30 Vdc
Alarm	40 mA @ 20 Vdc to 15 mA @ 30 Vdc
Relay outputs	2x Form C volt-free relay contacts (resistive, common) 2A @30 Vdc – resistive 60 W
Fault output	2x Optoisolated phototransistor output (resistive, common) Max V: 35 Vdc Max I: 80 mA Max P: 150 mW
Modbus output	2-wire RS-485 Modbus RTU or ASCII

