

NATIONAL DECLARATION OF PERFORMANCE for POLAND

No...PRPLDOP01022022EN.....

1. Name and trade name of construction product: **ProReact EN Analogue**
2. Construction Product type designation: **Resettable line-type heat detector**
3. Intended use(s): **Fire detector – for use in buildings**
4. Name and address of the manufacturer and place of manufacture of the product:
Thermocable Flexible Elements Ltd, Pasture Lane, Clayton, Bradford, BD14 6LU, United Kingdom
5. Name and business address of the authorised representative, if any: **Thermocable (Flexible Elements) IRE Ltd, Ground Floor, 71 Lower Baggot Street, Dublin, D02 P593, Ireland (e-mail: AR@thermocable.com)**
6. National system used for assessment and verification of constancy of performance: **1**
7. National Technical Specification:
 - 7a. Polish product standard: **PN-EN 54-22+A1:2020-07 Fire detection and fire alarm systems - Part 22: Resettable line type heat detectors**
Name of accredited certification body, accreditation number and national certificate number or name of accredited laboratory(s) and accreditation number:
Scientific and Research Centre for Fire Protection National Research Institute (CNBOP-PIB) 063-UWB-0397
 - 7b. National Technical Assessment: **n/a**
Technical Assessment body/National Technical Assessment Body: **n/a**
Name of accredited certification body, accreditation number and certificate number:
n/a

8. Declared performance characteristics:

Essential characteristics of the construction product for the intended use or applications	Declared performance characteristics (Chapter PN-EN 54-22+A1:2020-07)	Level, class
General	4.1	Fulfil
Individual alarm indication	4.2.1	Fulfil
Signalling	4.2.2	Fulfil
Repeatability	4.2.3	Fulfil
Reproducibility	4.2.4	Fulfil
Connection of ancillary devices	4.3.1	Fulfil
Manufacturer's adjustments	4.3.2	Fulfil
Requirements for software controlled detectors	4.3.3	Fulfil
Sensing element fault	4.3.4	Fulfil
On-site adjustment of response behaviour	4.3.5	Fulfil
Maximum ambient temperature test (sensing element)	4.3.6	Fulfil
Variation in supply parameters	4.4.1	Fulfil
Low voltage fault	4.4.2	Fulfil
Fire sensitivity for room protection application	4.5.1	Fulfil
Static response temperature test	4.5.2	Fulfil
Dry heat (operational) sensor control unit	4.6.1.1	Fulfil
Dry heat (endurance) for sensor control unit and sensing element	4.6.1.2	Not applicable
Cold (operational) for sensing element	4.6.1.3	Fulfil
Cold (operational) for sensor control unit	4.6.1.4	Fulfil
Damp heat, steady state (endurance) for sensor control unit and sensing element	4.6.2.1	Fulfil
Damp heat, cyclic (operational) for sensing element	4.6.2.2	Fulfil
Damp heat, cyclic (operational) for sensor control unit	4.6.2.3	Fulfil
Damp heat, steady state (operational) for sensor control unit	4.6.2.4	Not applicable
Damp heat, cyclic (endurance) for sensor control unit and sensing element	4.6.2.5	Not applicable
Shock (operational) for sensor control unit	4.6.3.1	Fulfil
Impact (operational) for sensor control unit	4.6.3.2	Fulfil

Essential characteristics of the construction product for the intended use or applications	Declared performance characteristics (Chapter PN-EN 54-22+A1:2020-07)	Level, class
Impact (operational) for sensing element	4.6.3.3	Fulfil
Vibration, sinusoidal (operational) for sensor control unit	4.6.3.4	Fulfil
Vibration, sinusoidal (operational) for sensing element	4.6.3.5	Fulfil
Vibration, sinusoidal (endurance) for sensor control unit	4.6.3.6	Fulfil
Vibration, sinusoidal (endurance) for sensing element	4.6.3.7	Fulfil
Sulphur dioxide (SO ₂) corrosion (endurance) for sensing element	4.6.4.1	Fulfil
Sulphur dioxide (SO ₂) corrosion (endurance) for sensing element	4.6.4.2	Fulfil
Electromagnetic compatibility (EMC), immunity tests (operational)	4.6.5.1	Fulfil

9. The performance of the product identified above is in conformity with all declared performance characteristics listed in point 8. This national declaration of performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer:

Philip Wilkie – Manufacturing and Compliance Director

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(name and position)

Thermocable Flexible Elements, UK
On 1st February 2022

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(place and date of issue)



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(signature)