



## ProxATEX™ Temperature Controller

**Safe for use in hazardous locations**  
**Adjust ALL settings inside the hazardous area either by push buttons or via non-contact secure NFC cards**

LMK Thermosafe Ltd are pleased to present the Patented\* ProxATEX temperature controller for use in potentially explosive locations. ATEX/IECEx Zone 1 certified for use with heating equipment operating within potentially explosive atmospheres. Specifically designed for use with our THERMOSAFE®, FARATHERM® and Inteliheat products (\*USA/Europe/Australia)

### TAKE THE RISK OUT OF OPERATORS SETTING CRITICAL PARAMETERS.

Featuring Near Field Communication (NFC), credit card sized tokens are pre-programmed with key parameter settings. Simply hold the card close to the front of the controller and the settings are instantly updated.

Two NFC cards will be provided pre-programmed to the users settings. Additional cards can be supplied with alternative settings, and optionally, a dedicated tablet with our proprietary embedded interface is available to permit card re-programming.

The simple 3 – button interface on the front of the device can be used to adjust set point and other parameters whilst the device is operational **WITHIN THE HAZARDOUS AREA**, plus for additional security these push buttons can be disabled or limited.

Dependent on the heater size and configuration, the ProxATEX can be pre-installed directly onto the heater, mounted onto a wall, or alternatively a pre-wired single pillar movable support stand can be supplied. ETL approved versions to UL and CSA hazardous location standards also available if required.



### Features include:

- Digital display to show measured values and other parameters
- Lock function with password to ensure settings remain unchanged
- Adjustable timers for delayed start, and soak period
- Maximum power output adjustable 0 – 100%
- 1 or 2 thermocouple input options
- Setpoint offset & Hysteresis adjustment for custom control environments

### PRODUCT SPECIFICATION

Dimensions: 345mm x 95mm x 75mm | Switching current: 15A or 25A (depending on model)

Input: 1 or 2 Type K thermocouples, magnetic & probe | IP66 ingress protection

Measurement range: 0–200°C | Ambient: -20°C to +40°C

|      |             |                               |                           |                       |
|------|-------------|-------------------------------|---------------------------|-----------------------|
| 25A: | II 2 (1) GD | Ex mb [ia] IIC T155°C (T3) Gb | Ex mb [ia] IIIC T155°C Db | (Zones 1, 2, 21 & 22) |
| 15A: | II 2 (1) GD | Ex mb [ia] IIC T4 Gb          | Ex mb [ia] IIIC T135°C Db | (Zones 1, 2, 21 & 22) |