

## FXT Thermostats

EXHEAT Industrial's range of FXT thermostats provide an array of control solutions for up to 2kW heaters, available in both flameproof (Ex d) and encapsulated (Ex m) designs. EXHEAT Industrial can also create thermostats with bespoke set points to suit any required enclosure or room temperature. Please enquire with our sales team for more information.

The FXT flameproof control thermostats are available in either inline or remote designs, and are suited to provide temperature maintenance for frost protection and condensation prevention of enclosures. The FXT thermostats can also be combined with the FX range of heaters, with both the heaters and thermostats being certified for use in hazardous areas where the atmosphere is classified as Zone 1 or 2 (Gas groups IIA, IIB, IIC) and Zone 21 or 22 (Dust groups IIIA, IIIB, IIIC).

### FXT-DR AND FXT-DI FLAMEPROOF THERMOSTAT

The FXT-DR and FXT-DI flameproof thermostats are designed to provide control for larger heaters (up to 2kW), and are capable of operating in ambient temperatures as high as 195°C.

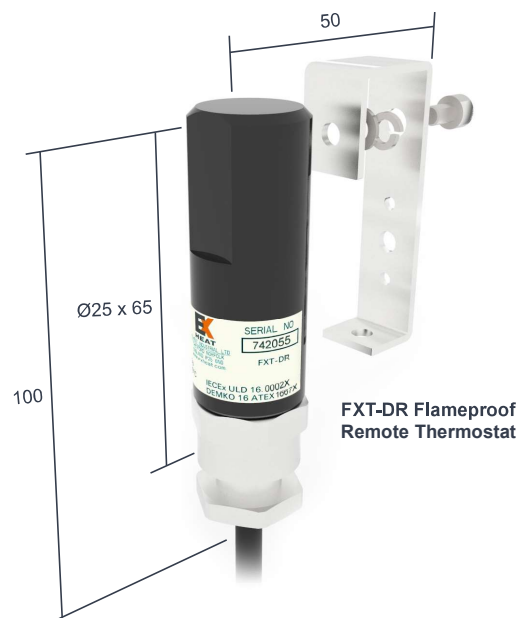
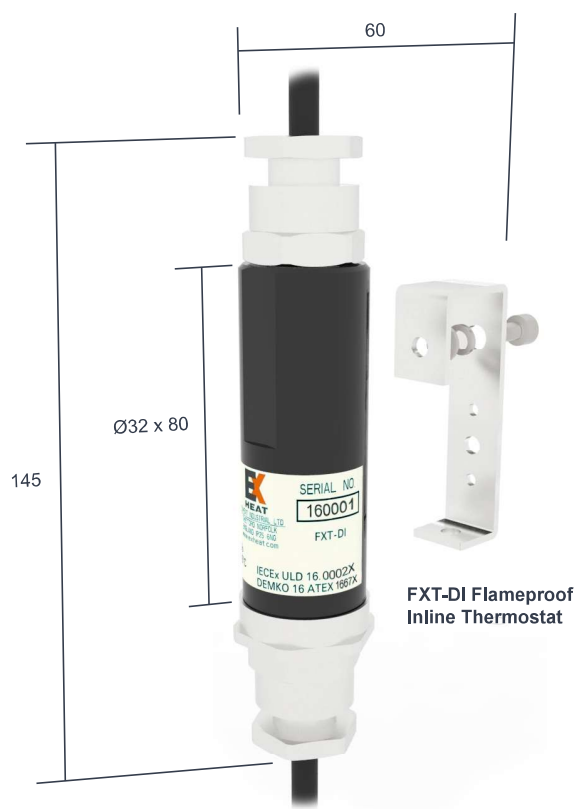
Housed in a hard anodised aluminium enclosure, they are suited for marine environments, and are available as either a remote (FXT-DR) or inline (FXT-DI) thermostat.

The FXT-DI and FXT-DR thermostats can be combined with the FX range of enclosure heaters to provide a single heating and control product. Please speak to our EXHEAT Industrial representatives in order to review your requirements and calculate the correct duty necessary for your installation.



### TYPICAL APPLICATIONS

- Acoustic enclosures
- Condensation prevention
- Control/monitoring panels
- Control valve housings
- Fire hose cabinets
- Frost protection
- Generators
- Instrumentation cabinets
- Manifolds
- Motor enclosures



| Model     | Open/Close Temperature (+/-3°C) | Voltage | Max Current | Temp Class           | Max Ambient                    | Weight |
|-----------|---------------------------------|---------|-------------|----------------------|--------------------------------|--------|
| FXT-DI-5  | 16°C/5°C                        | 0-277V  | 9.0 A       | T6<br>T5<br>T4<br>T3 | 80°C<br>95°C<br>130°C<br>195°C | 0.5kg  |
| FXT-DI-20 | 26°C/15°C                       |         |             |                      |                                |        |
| FXT-DI-30 | 37°C/26°C                       |         |             |                      |                                |        |
| FXT-DI-40 | 53°C/42°C                       |         |             |                      |                                |        |
| FXT-DI-60 | 69°C/58°C                       |         |             |                      |                                |        |
| FXT-DI-80 | 92°C/81°C                       |         |             |                      |                                |        |
| FXT-DR-5  | 16°C/5°C                        | 0-277V  | 9.0 A       | T6<br>T5<br>T4<br>T3 | 80°C<br>95°C<br>130°C<br>195°C | 0.2kg  |
| FXT-DR-20 | 26°C/15°C                       |         |             |                      |                                |        |
| FXT-DR-30 | 37°C/26°C                       |         |             |                      |                                |        |
| FXT-DR-40 | 53°C/42°C                       |         |             |                      |                                |        |
| FXT-DR-60 | 69-130°C/58°C                   |         |             |                      |                                |        |
| FXT-DR-80 | 92°C/81°C                       |         |             |                      |                                |        |

## Certification

### ATEX/IECEx II 2 G D

Ex db IIC T6 to T3 Gb

Ex tb IIIC T85°C to T200°C Db

### CU TR (EAC)

CU-TR.012/2011 CERTIFIED 1 Ex db IIC T6...T3 Gb X

Ex tb IIIC T85°C...T200°C Db X

## CSA

Class I Div 1, Groups A, B C & D T6...T1

Class III, Div 1: Class II Div 1, Groups E, F & G. Type 4

Class I, Zone 1, AEx db IIC T6...T4 Class III, Zone 21:

Class II, Zone 21, AEx tb IIIC T85°C...T135°C IP66

## Protection Method

Flameproof

## Voltage

110 to 277VAC

## Ambient Temperature

-50°C to +195°C

## Temperature Class

T3 (T200°C) to T6 (T85°C)

## Cable

3m standard (up to 10m available on request)

## Ingress Protection

IP66

Rev 1.1