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-M ENCAPSULATED THERMOSTAT

The FXT-M inline encapsulated thermostat has been developed as a space-saving temperature control solution capable of switching small and medium sized heaters to maintain a pre-determined ambient temperature. Comprising a specialised electronic potting compound, stainless steel shroud and polyolefin sheath, the FXT-M is a robust and lightweight thermostat requiring practically zero maintenance.

Suitable for operating in ambient temperatures up to +80°C, the FXT-M can be combined with the FX range of enclosure heaters to provide a single heating and control product. Alternatively, when supplied with up to 10m of cable, the FXT-M can be installed to control any electrical item inside a cabinet or enclosure.

TYPICAL APPLICATIONS

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

Ø35 x 50

Model	Open / Close Temperature (+/-3°C)	Voltage	Max Current	Temp Class	Max Ambient	Weight
FXT-M-5	16°C / 5°C	110-120V 220-240V 254-277V	6.0 A 3.3 A 4.8 A	T6 T5	60°C 80°C	0.1kg
FXT-M-20	26°C / 15°C					
FXT-M-40	37°C / 26°C					
FXT-M-60	69°C / 58°C		9.0 A			

Certification	ATEX / IECEx ⟨Ex⟩ II 2 G D Ex mb IIC T6 to T5 Gb Ex mb IIIC T85°C to T100°C Db CSA and CU TR (EAC) approval upcoming
Protection Method	Encapsulated
Voltage	110 to 277VAC
Ambient Temperature	-50°C to +80°C
Temperature Class	T5 (T100°C) to T6 (T85°C). T5 and T6 thermostats are suitable for use in T1 to T4 (T450°C to T135°C) hazardous environments. Ensure ambient temperature limits are adhered to
Cable	3m standard (up to 10m available on request)
Ingress Protection	IP66