



3506 Temperature Transmitter

The Model 3506 is an affordable and reliable Temperature monitoring

STANDARD FEATURES

This system is normally used with a dual output accelerometer such as Wilcoxon models 793T, 797T and 797LT.

- * **Galvanic isolated Loop.**
- * **Small size, suitable for multiple units in space limited areas**
- * **Connects directly to a PLC and/or plant (DCS)**
- * **Low cost**

OUTPUTS

The Model 3506 conditioner provides a 4 milliampere current source to power the temperature section of compatible transducers.

OPTIONS

Dual set points can be provided with set point levels from 0 to 100% of full-scale (models 3601 and 3610).

Group mounting of modules is made easier with the GTI 2 module (Model 3522) and 6 module (Model 3520) baseboards. Unlimited configurations may be provided with the individual baseboard (Model 3524) and by combined grouping of all three.

The model 3506 can be supplied as a stand alone unit or grouped with other GTI modules to provide a complete measuring system.

Zero and span controls are provided to allow for trim adjustment in the field

Inputs are designed for transducers with 10 mV per degrees Kelvin output scaled to 4 to 20 Ma. To produce a span of 0 to 120 degrees centigrade.



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Model 3506

General Specifications

STANDARD FEATURES

Accuracy

± 1 Degrees plus transducer error

Scale

0 to 120 Degrees Centigrade

Output

0 to 1.0 VDC

Full Scale Output (DC)

Loop

4 to 20 ma. (Field adjustable)

POWER REQUIREMENTS

Module Power

>25 ma

Loop Power

Current limited at 25 ma

MOUNTING

Individual with Model 3624 DIN rail mount or grouped with Models 3526 or 3520

ENVIROMMENTAL

Operating Temperature

-20 to + 180 degrees f.

Storage Temperature

-40 to + 200 degrees f.



Contact your local GTI Representative
for more information: