



Type of Instrument	Dual T/C Alarm
Input Signal	Type K T/C
Alarm Outputs	2 SPDT 10A relays
Alarm Contact Configuration	Customer to specify relay action, alarm above or below setpoint, and action on power failure
Power Supply	117 VAC +/- 10% 60 Hz +/- 2%
Ambient Temperature Range	0 to 50 Deg C
Accuracy	<0.2% of Span
Deadband	2% Optional Adjustable 0.2 to 10%
Temperature Effect	180 ppm / Deg C
Line Voltage Effect	<0.5% for a + 10% line voltage change
Mounting	Surface / Bulk Head
Terminations	Screw Terminal

610AN Thermocouple Alarm

The Pyragon 610AN Thermocouple Alarm directly accepts standard thermocouple signals from ISA Types J, K, R, S, T, E or B thermocouples. Both normally energized or normally de-energized relay outputs are available. These units may be field converted for either service by simple jumper changes.

Both input types are available in Dual Alarm units. High-low, Low-high, Low-low or High-high Alarm action in a single package is a model 620AN (T/C).

Infinite resolution, screwdriver adjustable potentiometer is provided for set point adjustment. High input impedance allows long signal leads to be used.

High common mode rejection permits the use of both grounded and ungrounded inputs.

Sensitive fixed deadband or optional adjustable deadband allows use of these instruments as rugged on-off controllers. Industrialized intergrated circuits,silicon solid state electronics and 10 Amp precious metal relay contacts assure long term reliability in wide ambient temperature applications and industrial environments.

