

SEVEN SENSOR TEMPERATURE SCANNER with Alarms & Relays

Three Separate Models Read Thermocouples (JKTE) or Pt100 or Thermistor Probes

- Auto/manual scanning indicates channel & reading
- Keeps track of process run time: hrs, mins, & secs
- Hold feature allows for the display to be held indefinitely on any one channel
- Battery backup retains program settings in the event of power loss
- Field calibration compensates for probe system error • Min / Max display for each channel
- Optional relay outputs for controlling and / or remote notification will provide separate limit relay for each channel (1A @ 28 VDC or 0.5 A @ 120 VAC) programmable as NO or NC, latching or non-latching
- Audio / Visual alarm alerts you whenever a limit is reached (95dB)...great for noisy environments
- Multiple display modes indicate rate of change, channel differentials, setpoint deviation, channels with highest / lowest readings



SPECIFICATIONS

Accuracy / Resolution: $\pm 0.5\%$ reading (1°F)
Scan Rate: Fixed 500 mS/channel
Display: Red seven segment LED display, 0.39" tall
Channel Display: 1 to 999 seconds/channel
Connection: Screw terminals • **Cutout:** 1/2 DIN; 1.7 x 3.62 x 8.5"
Power: 220VAC/50Hz.

HOW TO ORDER

DEDICATED INPUT MODELS

iSCAN4 -- **CODE** Four Channel Scanner.....
 iSCAN7 -- **CODE** Seven Channel Scanner.....

PROGRAMMABLE INPUT MODELS

iSCAN4P -- **CODE** Four Channel Scanner.....
 iSCAN7P -- **CODE** Four Channel Scanner.....

Replace 'CODE' above with two or three letter code from table

ADD CODE	Inputs Available per Code	
	Dedicated	Programmable
BM	Thermocouple J K T E	Thermocouple J K T E plus 4-20mA & 0-10VDC
RTD	RTD Probes Pt 100	pT 100 RTD's plus 4-20mA & 0-10VDC
TH	Thermistor	Thermistor Probes plus 4-20mA & 0-10VDC

OPTIONS (add to end of model #)

-5 Four Relay Outputs.....
 -3 Seven Relay Outputs.....



- Stores Maximum / Minimum temperature reached for each channel
- Measure temperature in remote areas up to 1000' away from LCD meter by extending sensors with any standard insulated 18 gauge twisted pair wire
- °F / °C switchable • Accuracy / Resolution: $\pm 1^\circ\text{F}$
- Temperature Range: -50 to 250°F
- Controller model:
 - ✓ Built-in High / Low audio (80dB) and visual alarm (Flashing LED) will notify if temperature exceeds user programmed temperature limits
 - ✓ Alarm time delay adjustable from 0 to 99 min. to avoid false alarms ✓ SPDT relay rated 1A @ 24VDC

MONITOR / CONTROLLER ...up to Six Locations

HOW TO ORDER

TD6 Six Point Monitor. Display only. Includes one general probe.....
TDA6 Six Point Controller. Same as above but also includes six relays.....

Sensor Ordering Table

Description: All sensors include 10" leads	Sensor	
Immersion Sensor. 4" x 0.25" dia., 304 S / S. 0.25" NPT	iM4	each
Wire Sensor. Bare thermistor. For fast response. Pack of five.	SX	pack
General Purpose Sensor. 1.25" x 0.31" dia. Pack of five.	SW	pack
Brass Bolt Sensor. For flat surfaces. 2" long tab with 0.25" dia. hole. Pack of five.	SB	pack
Brass Screw-In Sensor. For continuous monitoring 0.5" NPT. Pack of five.	SC14	pack

Accessories

MK1 Flushwall Mount Plate. For 3 gang electrical box.....
MK2 Surface Mounting Plate. For panel / surface mounting...
TX30 Power Adapter. 220 VAC.....