

Unit defaults to Type K Thermocouple / °F. The SSR (3-32vdc) output type is fixed. Alarm is preset at 50° high (Normally Open relay). Operating buttons are marked Set, ↓(AT), ↑(MAN) and <. Without any extra authority level, you can adjust setpoint and initiate Auto Tune from the front panel.

Adjusting Set Point

Push set. Su appears and bottom display blinks. Use up or down keys to get to set point. Push set again.

Auto Tune

Allow your process to settle at a temperature. It might be a little higher or lower than your set point. Press and hold ↓(AT) for 5 seconds. Process Value (upper display) will start blinking. Release ↓(AT). When the blinking stops your process is Auto Tuned.

Change Authority Level

In order to change sensor type, alarms and °C/°F; you must get to an authority level where these variables can be selected or adjusted. This security allows you to keep the controller set in place after it has been properly set up. It also keeps unauthorized personnel from making unauthorized changes. It is explained in the accompanying instruction manual. We can send you a pdf if the print is too small.

After powering up the unit, push and HOLD (Set) for 5 seconds. The process value will begin to blink "P00". At this point, push (Set) the bottom display should start blinking. Scroll to 18 and push (Set) again. POO will start blinking. At this point you are at the full authority level (2nd class) and can move the selection (P00 to P91) for any of the available choices. (Refer to B3 in manual: "Menu Display Explanation")

Example #1 SELECTING YOUR SENSOR TYPE (INPUT):

Change Authority level. While POO is blinking. Use arrow buttons to go to P16. Push (Set). The bottom display should start blinking. Use the up and down buttons (↓AT, ↑MAN) to scroll thru and find your desired sensor type. The options are: Thermocouple: K (0), E (1), J (2), S (3), B(4), N (5), R (6), T (7), W3-25 (10), W5-26 (11) RTD: PT100Ω (8), Cu50Ω (9) Once you have found your sensor type, push (Set) again. Use (up/down) arrow buttons to return P16 to P00 and then push set. After selection hold < for 5 seconds to return to operating mode.

Example #2 Setting °C/°F

Change Authority level. While POO is blinking, use arrow buttons to scroll to P31. Push Set. The bottom display will blink. Scroll to 0 for °C and 1 for °F. After selection hold < for 5 seconds to return to operating mode.

Example #3 Setting alarm

Sorry, but this is too complicated for a "quick start". Adjust your Authority Level and follow the details in the enclosed instructions.

For any additional information or help with programming please contact your assigned sales engineer at SPI. Tom Hardin, Matt Williams, Nick Martin or Bobby Hinson will be happy to assist.

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Be sure to ask about the availability of HEATERS, THERMOCOUPLES, RTDs, THERMOCOUPLE WIRE, RELAYS, RECORDERS, DATA LOGGERS AND OTHER MORE SOPHISTICATED CONTROLLERS. Most are available within 24 hours from Statesville Process Instruments



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