



TECHNICAL NOTE #87 2000 FAMILY WATLOW TEMP CONTROLLER

Settings in Watlow controller:

- 1 - Set communications protocol to Modbus
- 2 - Set address to 1 (default)
- 3 - Set baud rate to 19200

Connect RS232 cabling as follows -

- CS208 pin 26 to Eason pin 2
- CLS208 pin 25 to Eason pin 3
- CLS208 pin 23 to Eason pin 9
- Shield to Eason pin 5

Eason Modicon driver settings:

- 1 - Set plc address to 1
- 2 - Set baud to 19200
- 3 - Set communications in multidrop tab to RS232

Then set up your data registers:

1. Go to "SETUP|TAGS" and enter in new tag names
2. Source the tags to your Modicon driver (Watlow)
3. Modbus register address is outlined in the Watlow manual.

Now whenever you want to read or write a value to that Watlow register address, just refer to the tag name you gave in the TAG TABLE. If you want to display the value on the screen of the Eason, just add a data display box to the screen, and associate it with your tag. The driver will take care of reading/writing to the register whenever it is needed.