

## OMRON CONTROLLER

(TEMP CONTROL HTR 201154; TEMP CONTROL HOSE 201155)

1. Press and hold the ↑ or ↓ to **increase** or **decrease** the material temperature set-point to the desired value as determined by the material supplier or application conditions.



**NOTE-** The 3 buttons on the left of the controller are never used for operation and should not be pushed. They are only used by the factory for initial programming of the controllers. Pushing these buttons will alter the controller program values causing incorrect equipment function.

## EATON CONTROLLER

(TEMP CONTROL HTR EI-159-HTR; TEMP CONTROL HOSE EL-159-H)

1. Ensure Main Power is ON, and **01** Display light is lit.
2. Press and release ↻ button. The display will read **SP1**.
3. Press and release ↑ or ↓ button to display the **current material temperature set-point**.
4. Press and hold the ↑ or ↓ to **increase** or **decrease** the material temperature set-point to the desired value as determined by the material supplier or application conditions.
5. Press and release ↑ **and** ↓ together to return to the **actual material temperature** in the Primary Heater/Hose Heater.



## DIGITAL TEMPERATURE CONTROLLER OPERATION AND INSTALLATION

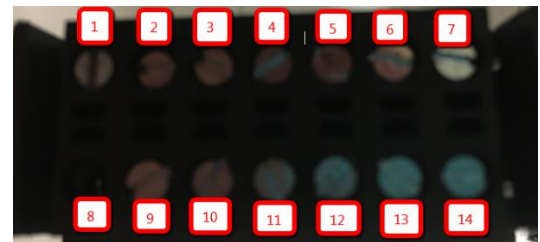
### Wiring the Omron Controller

Controller	Hose HTR	R- HTR	A-HTR
Pin 1	Wire 18	Wire 18	Wire 18
Pin 2	Wire 19	Wire 19	Wire 19
Pin 3	Wire 38 +	Wire 35 +	Wire 32 +
Pin 4	Wire 37 -	Wire 34 -	Wire 31 -
Pin 11	TC Red Wire	TC Red Wire	TC Red Wire
Pin 12	TC Purple Wire	TC Purple Wire	TC Purple Wire



### Wiring the Eaton Controller

Controller	Hose HTR	R- HTR	A-HTR
Pin 1	Wire 18	Wire 18	Wire 18
Pin 2	Wire 19	Wire 19	Wire 19
Pin 5	Wire 38 +	Wire 35 +	Wire 32 +
Pin 6	Wire 37 -	Wire 34 -	Wire 31 -
Pin 9	TC Red Wire	TC Red Wire	TC Red Wire
Pin 10	TC Purple Wire	TC Purple Wire	TC Purple Wire



### All Older PMC Controllers

- Old Pin 1 connects to New Omron Pin 1
- Old Pin 2 connects to New Omron Pin 2
- Old Pin 5 connects to New Omron Pin 3
- Old Pin 6 connects to New Omron Pin 4
- Old Pin 9 connects to New Omron Pin 11
- Old Pin 10 connects to New Omron Pin 12

***WARNING! The Controllers are factory programmed and are not field re-programmable. If a problem is encountered, contact your PMC Distributor. Do not attempt to change any of the programmed parameters. Do not substitute a Controller from an alternate supplier as its use may result in equipment damage and/or bodily injury.***