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818
Precision Temperature Controller/Programmer
 96W x 96H x 219D mm

Ideal for:
 Single and multi-zone ovens and furnaces Diffusion furnaces Creep testing Autoclaves Environmental chambers

Sample frequency:
 8 times per second

Supply voltage:
 85 to 264Vac, or 20 to 40V dc/ac

Power consumption:
 8.5 watts

Operating temperature:
 0 - 55 °C

Relative humidity:
 0 to 90% non-condensing

Inputs choose from:
 31 Different sensor linearisations
 + square root & linear

Outputs choose from:
 Relay, logic, triac, or DC
 analogue

Panel sealing:
 IP54

The model **818** is a 1/4 DIN, Temperature/Process Controller or Temperature/Process Programmer. With a range of 'Plug In' modules and Software Configuration the **818** series can be made to cover most applications. The **818S** offers single loop PID control, while the 818P/P4/P15 give the ability of running complex profiles.

The features include: Self and adaptive tuning Dual display

Choose from: Heat/cool/motorised valave outputs Up to 2 alarms Ramp to setpoint feature on **818S**, 1 stored program of 8 ramps and 8 dwells on 818P, 4 stored programs of 8 ramps and 8 dwells on 818P4, 15 programs of 8 ramps and 8 dwells on 818P15. Auto/manual operation.

818 Product Expansions

818S-MPC Melt Pressure Controller For Plastics Extrusion

- Designed for melt pressure control or melt pump inlet pressure control
- Analog retransmission of measured value, setpoint, error or output level to a chart recorder
- Adjustable output accel/decel rate limiting
- Incorporated transducer excitation power supply
- Front panel, push-button calibration of strain gauge
- Two fast-acting alarm outputs

818CP Carbon Potential Controller For Heat Treating

- Compatible with standard carbon probes
- 0.10% To 2.00% carbon potential control
- Analog retransmission for recording
- Plug-in alarm and/or communications board



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