


LYNX® PID TEMPERATURE CONTROL SETS

Features & Benefits

- ▶ Compact PID control system with autotuning that controls almost any heater
- ▶ Everything needed to plug-and-play
- ▶ 3-button touchpad programming and large 3-digit display
- ▶ Latching alarms for high and low temperature
- ▶ Versatile — Can be used as a single zone controller or be connected for a system of temperature control. Grows with your application
- ▶ Able to be used with a wide variety of electrical heaters
- ▶ Uses a minimal amount of benchtop space
- ▶ Easy to program and provides precise control
- ▶ Easily visible LED for alarm conditions: High temperature limits, low temperature limits, and more

Set Includes

-  LYNX® Temperature Control Module
- Docking station assembly with choice of heater and sensor ports
- 1.8 m (6 ft) power harness with choice of plugs
- 1.5 m (5 ft) temperature sensor to match docking station assembly
- Benchtop stand for mounting LYNX® docking station



Ideal with a wide variety of heaters!

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Specifications

Temperature Control Range: 32°F to 1100°F (0°C to 593°C)

Sensor Input: 5 ft (1.5 m) long included; Choice of PT100 RTD; Type-J and Type-K thermocouples

Alarms: Multi-color LED display with highly visible viewing

Power Cord: 6 ft (1.8 m) power harness with plug. See ordering information for choices

Heater Connection: Receptacle is on docking station assembly as indicated in ordering information

Voltage: 100 to 277 VAC

Maximum Continuous Amp Load per Zone: 7 amps at 77°F (25°C) ambient; 4 amps at 104°F (40°C)

Communication Method: Modbus RTU over RS-485. Optional power harnesses with communication cable and operator interfaces are available upon request. See options starting on page 152.

Ingress Protection Rating: IP20

Agency Approvals for LYNX® Temperature Control Module



Additional specifications for LYNX® can be found on page 149.



Plug & Play Power Cord

Ordering Information

| LYNX Set Part No. | Input Power | Heater Connection | Temperature Sensor |
|-------------------|---------------------|------------------------------------|---------------------|
| LYNX-SET-JA | | | Type-J thermocouple |
| LYNX-SET-KA | NEMA 5-15 Plug | NEMA 5-15 receptacle | Type-K thermocouple |
| LYNX-SET-RA | | | PT100-RTD sensor |
| LYNX-SET-RC | | | PT100-RTD sensor |
| LYNX-SET-KC | Schuko CEE 7/7 Plug | Harting Q 2/0 receptacle with mate | Type-K thermocouple |
| LYNX-SET-JC | | | PT100-RTD sensor |
| LYNX-SET-JD | | | Type-J thermocouple |
| LYNX-SET-KD | NEMA 6-15 Plug | NEMA 6-15 receptacle | Type-K thermocouple |
| LYNX-SET-RD | | | PT100-RTD sensor |
| LYNX-SET-JI | | | Type-J thermocouple |
| LYNX-SET-KI | IEC Type I | IEC13 receptacle with mate | Type-K thermocouple |
| LYNX-SET-RI | | | PT100-RTD sensor |
| LYNX-SET-JB | | | Type-J thermocouple |
| LYNX-SET-KB | Ferrules | Harting Q 2/0 receptacle with mate | Type-K thermocouple |
| LYNX-SET-RB | | | PT100-RTD sensor |



LYNX® Sets are compatible with a wide variety of LYNX® accessories including OIs, Power Harnesses with Modbus RTU communication cables, and more.

See options starting on page 150.