GEORGE T. HALL
COMPANY

CLR RETROFIT SOLUTION

CLR Control Panel　　　**CLR Retrofit Kit**

The GTH CLR Retrofit Solution is a replacement for the Honeywell ControLinks fuel-air ratio system. This system is offered as an easy to install control panel or back panel kit and is pre-programmed and quality tested for your ControLinks application.

CLR Control Panel
- SLATE system with pre-programmed logic
- Fuel air ratio control
- Valve proving
- Burner Management system
- Burner ON/OFF switch
- Alarm indication
- 10" color touchscreen display
- 2, 3, and 4 actuator models available

CLR Retrofit Kit
- SLATE system with pre-programmed logic
- Fuel air ratio control
- Valve proving
- Burner Management system
- Burner ON/OFF switch
- Alarm indication
- 10" color touchscreen display
- 2, 3, and 4 actuator models available
- Display and pilot devices mounted and prewired to panel mount bezel for easy single hole installation
- 2m quick-connect cable from bezel to backpanel eliminates door to backplate wiring

Functions:
- Flame supervision
- Fuel/air ratio control
- Burner ON/OFF switch
- Alarm indication & reset
- 4-20mA control input
- Valve Proving

Electrical Ratings:
- 120Vac, 60HZ, 7.3A

Environmental Rating:
- CLR Control Panel
  - NEMA 1
- CLR Retrofit Kit
  - N/A

Approvals:
- UL508A

Weight & Dimensions:
- CLR Control Panel
  - 24"W x 20"H x 8"D
  - 68.55 lb
- CLR Retrofit Kit
  - Back Panel: 21"W x 16 15/16"H x 6 ¾"D
  - Mounting hole dimensions: 19 ¼"W x 15 ¼"H
  - Bezel: 13 3/4" W x 12 1/4" H

Actuators:
- Electrical ratings: 24VDC 25 watts maximum
- Torque: 150 in/lb
- NEMA 1 rating
- Operating temperature range: -18 to 158 °F (-28 to 70 °C)
- Control deadband: ±0.2 degrees
- Positioning: 450 positions
- Travel time: 30 sec max
- Rotation: field-reversable; clockwise/counterclockwise
- Diagnostics:
  - Internal temperature
  - Valve status
  - Actuator health
  - Error code reporting (through CLR)
- Duty cycle rating: continuous duty
- Closed-loop position control via Modbus RS-485 communications
- Conduit connections: dual ½-in knockout