

ECLIPSE T600

FLAME SAFEGUARD

Superior operating features and programming flexibility for precise burner control.

The T600 Flame Safeguard provides precise, microprocessor control for gas burner start-up and operation. T600 delivers more of the features, options, and versatility users need. Program sequences and operating times can be customized to suit almost any application. T600 can control burners with either direct or pilot ignition. It offers the most flexible, cost effective solution for burner control anywhere in the world.

Two basic versions are available:

- Type 1 without display.
- Type 2 with integrated display.

T600 Features

- Purge, No-Purge & Modulating models.
- Customizable parameters.
- Continuous or intermittent operation.
- Communication options.
- Two programmable flame sensor inputs.
- Advanced diagnostics.
- Programmable "Operation" output terminal.
- Runtime, lifetime and cycle counters.
- History shows last 10 errors.
- Software for status, settings and logging.
- IP54 rating (approximate NEMA 3 equivalent) for Type 2.
- CE, FM, UL, CSA, GOST/R and SIL3 approvals.



T600 Type 1



T600 Type 2



T600 Advantages

- Global approvals/applicability.
- Simple but scalable design.
- Adjustable timings and recycles to solve nuisance conditions.
- Wider range and finer resolution of program settings.
- Can use flamerod or UV scanner without changing models or modules.
- Profibus and Modbus communications provide details at the operator's location.
- More mounting options (base or DIN rail).

T600 Series Flame Safeguards

Superior features and flexibility.

Type 2 and Type 3 Display



Parameter Display

- Pre-purge time.
- Post-purge time.
- Safety time for ignition.
- Behavior after flame fail.
- Pilot or direct spark.
- See Instruction Manual 835 for additional parameters.

Information Display

- Display of flame quality.
- Display of resettable counters for start-up, operating hours and operating cycles.

Operation Display

- Display of the current operating stage.
- Display of the program state.
- Display of bus address.

Error Display

- Automatic activation of error messages.
- Additional information about errors.
- Query of the last ten errors.

Options



T600 Type 3

The Type 3 offers the same functionality as the Type 2, but in a robust metal housing with NEMA 4 (IP 65) protection.



Modulating Models Available

(Type 2 shown)



UV Scanners

Two UV scanners are available:

- UV 41HE - Ionization Model
- UV 42 - Dry Contact Model

Self-check shutter module is available for continuous applications.

ECLIPSE[®]
Innovative Thermal Solutions
www.eclipsenet.com