SCC Inc.

www.scccombustion.com

LME7...
Burner Controls

Combustion Controls

World-class system, support and performance

The Siemens LME7... Flame Safeguard sets a new standard for flexible, cost effective burner supervision. Ease of installation, programming and commissioning are incorporated into a reliable, field proven control. The LME7 offers flexibility not found in competitive flame safeguards, at a very attractive price.

Key Features and Benefits

- UL, FM, CSA and CE approved – One controller meets global standards
- UV scanner and flame rod sensor inputs
- Integral LED display for easy diagnostics
- Programmable purge times, safety times, and pilot operation
- Programmable actuator positions for purge, ignition, and low fire
- Adjustable time overlap of spark ignition transformer and pilot valve
- Adjustable time overlap of pilot and main gas valves
- Easy programming via AZL display
- Proof of Closure switch monitoring
- Optional gas valve proving function
- Password protected access to OEM parameters

Integrated Actuator Control

The Siemens LME7 directly controls the positioning of the Siemens SQM4 actuator to purge and ignition positions then, releases to modulation. Firing rate control signals include:

- 4-20 mA
- 0-135 Ω
- 0-10 Vdc
- 3 position

With programmable timing, configurable actuator positions, and ignition sequences, the LME7 offers flexibility with straightforward wiring and commissioning.

Reliable Flame Monitoring

Flame is supervised by either flame rod or the QRA4.U UV detector, with no exchange of amplifier card or reconfiguration required. All LME7 safety related inputs and outputs are monitored by a contact feedback network.

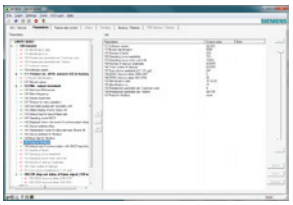
OCI Communication Module

- Modbus RTU or BACnet MS/TP Interface
- Allows interconnection of multiple LME7
- PC Configuration utility

A display with keypad and multicolor indicator light shows burner status. The AZL remote display or the PC software can be directly connected to the LME7.

ACS410 PC Commissioning Tool

- PC software and interface
- Optional commissioning tool
- Ability to back-up and save parameters to a PC
- View real time data
- Trend, log and print data



AZL Remote Display

- Provides additional sequence and status information
- Remote reset
- Fault history
- Back-up and restore program settings
- Flame signal strength

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Solution Partner

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