

PF2200 SINGLE BURNER CONTROLLER

The PF2200-SB controller has been specifically designed to enhance the performance and control of a wide array of natural draft fire tube applications. The PF2200-SB delivers the most powerful yet simple user experience possible.

CORE APPLICATIONS

- GAS PRODUCTION UNIT
- AMINE REBOILER
- TREATER
- GLYCOL DEHYDRATOR
- COMBUSTOR/ECD/VDU
- LINE HEATER
- HEATED TANK
- HEATED SEPARATOR



THE PF2200-SB HAS BEEN PURPOSE-BUILT FOR

- SINGLE FUEL TRAIN / SINGLE FIRE TUBE
- SINGLE FUEL TRAIN / DUAL FIRE TUBE / DUAL PILOT
- SINGLE PILOT COMBUSTOR/ECD/VDU
- DUAL PILOT COMBUSTOR/ECD/VDU

FEATURES OVERVIEW

- Intuitive user interface and experience
- Comprehensive diagnostics and event logging
- Integrated Modbus and data logging
- Field upgradeable firmware
- Advanced PID and soft start: dedicated TCV output
- Settings back-up and restore for quick commissioning
- 4 configurable temperature inputs. Thermocouple, RTD, 4-20mA supported
- Two configurable 4-20mA outputs
- Two configurable auxiliary 4-20mA inputs
- 4.4" always on display
- Ultra low power consumption
- Single and dual pilot ready
- UV flame detection

SPECIFICATIONS

Power Input	12/24VDC Input	
Power Draw	12V Mode:	24V Mode:
	USB: 1.07W No USB: 688 mW	USB: 1.27W No USB: 870 mW
Approved Operating Temp	-40°F to +131°F (-40°C to +55°C)	
Enclosure Construction	304 Stainless Steel	
Environmental Protection	IP66 / Type 4x	
Safety Integrity Level	SIL2 Capable	
Hazardous Location Rating	Class I Div 2 Group ABCD; T4A Class I Zone 2 Group IIC (US)	

CERTIFICATIONS

Certified for use as a BMS Controller to the following US and Canadian standards: IEC 61508 SIL2 • UL 60730-2-5 / CSA - C22.2 No. 60730-2-5 / ANSI Z21.20 • UL 121201 / CSA C22.2 No. 213



THE PF2200 SERIES

The PF2200 Series of BMS controllers have been purpose-built to match the needs of many burner management applications, ranging from single and dual-burner to forced-draft.

PF2200 - SB
SINGLE BURNER

PF2200 - DB
DUAL BURNER

PF2200 - FL
FLARE

PF2200 - FD
FORCED DRAFT