



BMS-300

BMS Controller



The **BMS-300** is designed for **fired equipment applications**. The system operates with FT Ignition Units to provide optimal ignition.

Features

- Complete BMS Control
- Flame Rod Flame Sensing
- Integrated Valve Control
- Standby / Shutdown Input

Features w/Modbus Adder Card

- Modbus RS485 (Read Only)



The SureFire Difference:

- ✓ Piloted or pilotless operation
- ✓ Simplified troubleshooting
- ✓ User-friendly interface
- ✓ Hot surface ignition ready
- ✓ Multiple I/O for remote communication
- ✓ New construction or retrofit ready

APPLICATIONS

Heater Treaters

Dehydrators

Separators

Line Heaters

Tanks

SPECIFICATIONS

Power Input	12 VDC Input / 24 VDC Input (with adapter card)
Power Draw	MAX 7.8 AMPS / NOMINAL 0.6 AMPS
Approved Operating Temp	-40°F to +131°F (-40°C to +55°C)
Enclosure Construction	Polycarbonate (12x10x6)
Environmental Protection	IP66 / Type 4/4X
Hazardous Location Rating	Class I, Div 2, Group ABCD; T4A Class I, Zone 2, Group IIC; (US Only)
Warranty Policy	Three-years from date of sale

CERTIFICATIONS



Suitable for use in:

Class I, Division 2, Groups C, D, T6 Hazardous (Classified) and Ordinary Location

Certified to:

- CSA STD C22.2 NO. 61010-1
- CSA STD C22.2 NO. 213:2017 Ed.3

Operating Temperature Range:

-40°C (-40°F) ≤ Ambient Temp ≤ 55°C (131°F)

Conforms to:

- UL STD 61010-1
- UL STD 121201:2017 Ed.9

