



### PRODUCT OVERVIEW

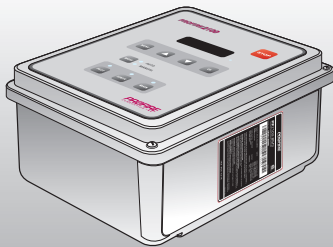
The PF2100 BMS (Burner Management System) is an advanced electronic control and monitoring system designed for use on a wide variety of natural draft burner industrial applications up to 12.5MM BTU/h including:

- Amine Reboilers
- Combustors
- Dehydrators
- Gas Production Units
- Heated Separators
- Incinerators
- Line Heaters
- Treaters

### SAFETY AND PROTECTION

- Designed to protect personnel and equipment
- Integrated critical safety shutdown inputs
- Risk management of workplace hazards

### KEY FEATURES

CONVENIENCE	FLEXIBILITY	RELIABILITY
 <p data-bbox="139 1381 477 1398">USER FRIENDLY DISPLAY AND INTERFACE</p>	<p data-bbox="505 1077 607 1094">Integrated</p> <ul style="list-style-type: none"> <li>• High temperature shutdown</li> <li>• Temperature control</li> <li>• History and event log</li> <li>• 4-20 output                             <ul style="list-style-type: none"> <li>■ Temperature out</li> <li>■ Valve control</li> </ul> </li> </ul> <hr/> <p data-bbox="505 1287 737 1304">Low power requirement</p> <hr/> <p data-bbox="505 1325 857 1341">Stackable Expansion cards available</p> <ul style="list-style-type: none"> <li>• Modbus RS485</li> <li>• 4-20 input for pressure and tank level</li> </ul>	<p data-bbox="948 1077 1370 1094">Auto ignition and re-light with proven spark</p> <hr/> <p data-bbox="948 1125 1273 1142">Advanced flame detection circuit</p> <hr/> <p data-bbox="948 1167 1230 1184">Approved temperature range</p> <ul style="list-style-type: none"> <li>• -40°C to 55°C</li> <li>• -40°F to 131°F</li> </ul> <hr/> <p data-bbox="948 1287 1370 1304">Strict manufacturing and Quality Assurance</p> <hr/> <p data-bbox="948 1325 1430 1341">processes provide consistency and dependability</p> <hr/> <p data-bbox="948 1377 1317 1394">Dual processors for failsafe operation</p>

### APPROVALS



Class 1, Division 2, Grp ABCD; T4A  
CSA Type 4X

CSA 22.2 No. 199-2007  
ANSI Z21.20-2007  
UL1998-2004

CSA C22.2 No. 0-M91  
CSA C22.2 No. 0.4-04  
CSA C22.2 No. 94-91  
CSA C22.2 No. 142-M1987  
CSA C22.2 No. 213-M1987  
CSA E60730-1:02

CSA E60079-0:2007  
CSA E60079-15:2005  
UL 508, 17th Edition  
ANSI-ISA-12.12.01-2007  
UL 60079-0:2005  
UL 60079-15:2002

