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

<table>
<thead>
<tr>
<th>CONVENIENCE</th>
<th>FLEXIBILITY</th>
<th>RELIABILITY</th>
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<tbody>
<tr>
<td>Integrated</td>
<td>Integrated</td>
<td>Auto ignition and re-light with proven spark</td>
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<tr>
<td></td>
<td></td>
<td>Advanced flame detection circuit</td>
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<tr>
<td></td>
<td></td>
<td>Approved temperature range</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-40°C to 55°C</td>
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<tr>
<td></td>
<td></td>
<td>-40°F to 131°F</td>
</tr>
<tr>
<td>Low power requirement</td>
<td>Low power requirement</td>
<td>Strict manufacturing and Quality Assurance processes provide consistency and dependability</td>
</tr>
<tr>
<td>Stackable Expansion cards available</td>
<td>Stackable Expansion cards available</td>
<td>Dual processors for failsafe operation</td>
</tr>
<tr>
<td>• Modbus RS485</td>
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<tr>
<td>• 4-20 output for pressure and tank level</td>
<td>• 4-20 input for pressure and tank level</td>
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</tbody>
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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