**Application Data Sheet**
Model FT2A Flow Meters

**02/18/14**

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### CUSTOMER INFORMATION

<table>
<thead>
<tr>
<th>Company Name and Address:</th>
<th>Customer P.O. Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brand X</strong></td>
<td><strong>123571113</strong></td>
</tr>
<tr>
<td>1234 Main St.</td>
<td></td>
</tr>
<tr>
<td>Cityville, ST 99999</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Tag Number:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>FIT-6759</strong></td>
</tr>
<tr>
<td></td>
<td><strong>For Fox Office Use:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Model #:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>S.O. #:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Serial #:</strong></td>
</tr>
</tbody>
</table>

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### PROCESS DETAILS

**Application Description**

Describe type of application (e.g. boiler feed, flare gas, etc.).

- **Boiler Feed**
- **Gas Information**

**Gas Name:**

- **Natural Gas**

**Mixed Gas Information**

Please attach a gas composition analysis. Indicate if data is % Volume (moles) or % Weight (mass). Total composition must add up to 100%.

**Non Resettable Totalizer**

- Configure as Non-Resettable Totalizer

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### INSTRUMENT DETAILS

**Flow meter and Display Orientation - See Code Sheet**

- **F1**

**F3 - F8 REQUIRE EXTRA CHARGE ELBOW KIT**

**Temperature Units:**

- **Deg F**

**4 mA Value:**

- **0**

**20 mA Value:**

- **150**

**Flow Rate 4 to 20 mA Scaling and Display Units Selection**

- **Flow Rate Units:**

- **SCFH**

**4 mA Value:**

- **0** (Normally 0)

**20 mA Value:**

- **6,000**

**Standard Temperature and Pressure (STP)**

- **60°F and 14.73 psia (AGA standard for nat.**

**Other - select values & units:**

**Comments:**

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### INSTRUMENT DETAILS

**Pipe size:**

- **3"**

**Schedule:**

- **40**

**Pipe ID:**

- **3.068"**

**Duct Dimensions:**

* Accurate pipe/duct inside diameter required for Insertion Flow Meter applications to ensure correct flow rate calculation.

**Insertion Flow meters:**

Fox recommends 15 pipe diameters of straight pipe upstream of the flow meter and 10 diameters downstream.

**Inline Flow meters:**

Fox recommends 8 pipe diameters of straight pipe upstream of the flow meter and 4 diameters downstream.

If you do not have the recommended straight pipe please enter upstream and downstream information for your application:

- **16** straight pipe diameters upstream of the flow meter.

- **10** straight pipe diameters downstream of the flow meter.

**For Fox Office Use:**

- **Velocity:**

- **60 SFPM**

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**Rep/Distributor:**

**Contact:**

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**Factory Use Only:**

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**F-141, FT2A Application Data Sheet**

Rev. B, 02/18/14