**Specifications**

**MP7 Button Block Multipoint Assembly**

The Button block multipoint assembly consists of multiple metal sheathed RTD or Thermocouple sensor probes secured into a flanged protection tube assembly. Sensing elements are in positive contact with landing blocks that are integral to the protection tube wall. Sensor probes are replaceable. The overall protection tube provides resistance to harsh process conditions, while providing accurate temperature point measurements.

**Electrical Enclosure (Junction Box)**

The electrical enclosure style can be customized to application Material: Cast aluminum or fiberglass
Hazardous location rating available
Dimensions: L x W x H (inches)
Conduit entries NPT size: 1/2", 3/4" and 1" NPT
Specify other characteristics to factory

**Pipe Size & Maximum Points**

<table>
<thead>
<tr>
<th>NPS Pipe Size</th>
<th>Max Pts.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; SCH 80</td>
<td>4</td>
</tr>
<tr>
<td>1.25&quot; SCH 80</td>
<td>6</td>
</tr>
<tr>
<td>1.5&quot; SCH 80</td>
<td>6</td>
</tr>
</tbody>
</table>

**Flange & (Pipe) Material**

316/L (316/L) stainless steel
A350 LF2 C1 (SA-333 GR6)
Consult factory for other

**Sensor Probe Sheath Materials**

316/L stainless steel
Inconel 600
Consult factory for other material options

**Temperature Sensor Type**

100Ω Pt. 385 class A (3-wire & 4-wire)
Type K thermocouple
Type J thermocouple
Type T thermocouple
Type N thermocouple

**Sensor Construction**

Low temperature (-50 to 260°C)
High temperature (485°C)

**Outline & Dimensions**

NOTES:
1. Drawing for approval provided after receipt of order
2. Consult with factory for pressure and temperature rating details
3. CRN available for specific configurations

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