

MP7 Button Block Multipoint Assembly

Specifications

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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

Process Connection Flange Size (Per B16.5)

2" CL150 Raised Face	2" CL 300 Raised Face	Consult factory for other
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Pipe Size & Maximum Points

NPS Pipe Size	Max Pts.
1" SCH 80	4
1.25" SCH 80	6
1.5" SCH 80	6

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

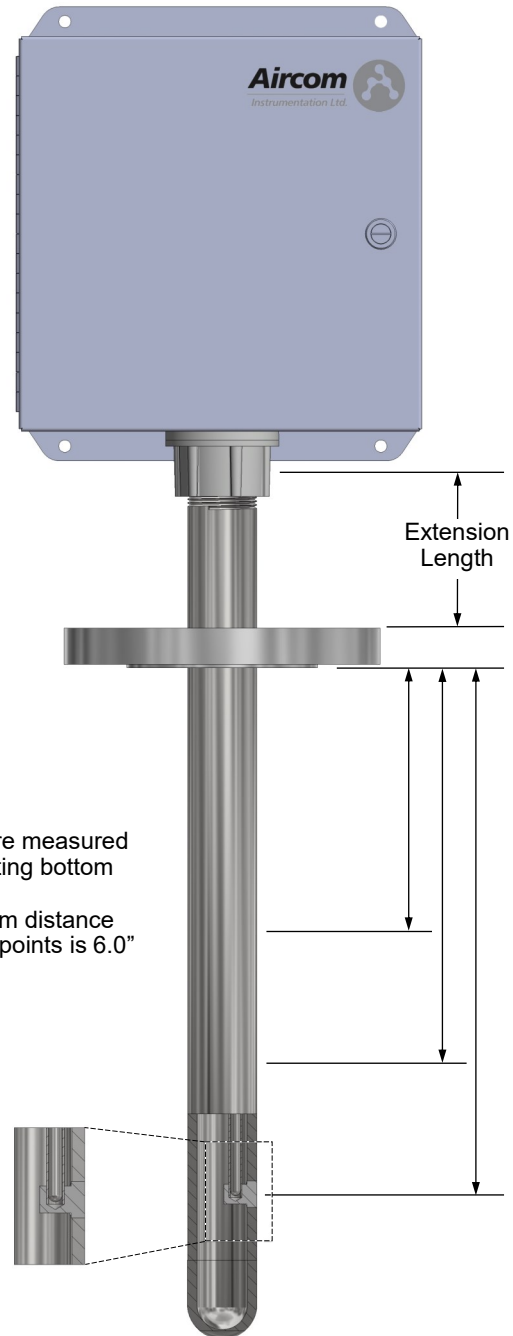
Temperature Sensor Type

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

