

MP5 Flanged Free Hanging Multipoint

Specifications

MP5 Flanged Free Hanging Multipoint Assembly

The MP5 threaded free hanging assembly is constructed by banding together thermocouple or RTD probes to form a multipoint assembly. The sensor array is fastened to a flanged process connection. An optional electrical enclosure can be provided for wire termination and access.

Electrical Enclosure (Junction Box) - Optional

Optional electrical enclosure 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

Flanged Process Connection (Per B16.5)

Specify flange: NPS, class, gasketing surface and material

Number of Sensor Points

Consult factory as the process connection fitting and desired sensor probe OD will be a factor in the amount of sensor points

Common Sheath Materials	
316/L stainless steel	Inconel 600
Hastelloy C	Consult factory for other

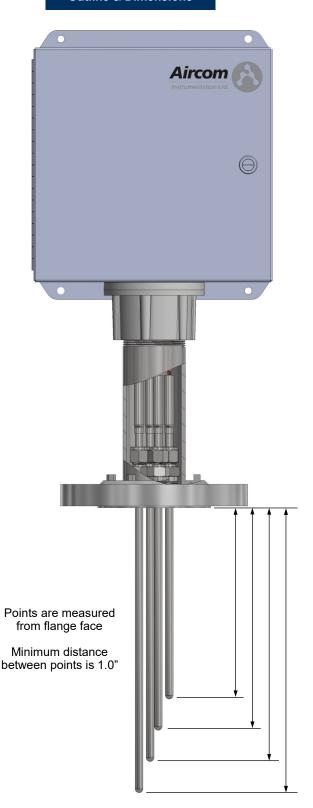
Temperature Sensor Type 100Ω Pt. 385 class A (3-wire & 4-wire) Type K thermocouple Type J thermocouple Type T thermocouple Type N thermocouple

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

Sheath C	D	
0.125" (1	/8")	
0.188" (3	/16")	
0.250" (1	/4")	

Lead Wire
Teflon (260°C)
Consult factory for other lead
wire options

Outline & Dimensions



NOTES:

- 1. Drawing for approval provided after receipt of order
- 2. Minimum bend radius is 10x sheath OD
- 3. Sensors longer than 6 feet will be shipped in a coil roughly 24"- 36" OD

