

# 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 OD

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

### Lead Wire

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

### 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

## Outline & Dimensions

