

MULTIPOINT SENSORS

REOTEMP Multipoint Sensors strategically place multiple sensors inside one tube or sheath, providing a more complete temperature profile of the process. Multipoints are highly customizable. You can choose from a wide selection of terminals, connections, and stem styles. Depending on the size of the outer tube, you can have an almost unlimited number of sensors to capture detailed data. This allows for optimization of the process and identification of thermal gradients.



FEATURES / BENEFITS

- Optimize Efficiency
- Lower Energy Costs
- Identify Temperature Gradients and Hot Spots
- Map or Average Temperatures Over a Large Area
- Multiple Measurements with One Process Connection
- Improve Safety
- Replaceable Elements

Common Applications

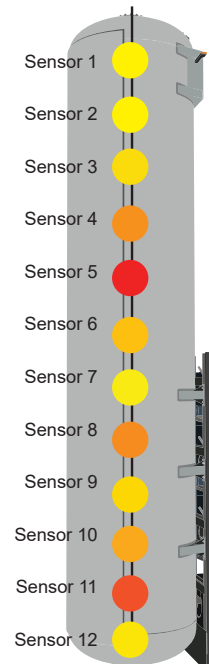
- Scrubbers
- Chemical Silos
- Grain Silos
- Ducts
- Storage Tanks
- Exhaust Stacks
- Beverage Processing
- Ovens
- Catalytic Crackers
- Reactor Vessels
- Distillation Columns

Provides a detailed view of the process

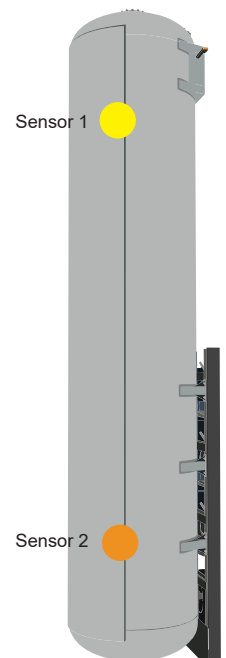
Heat Map Example



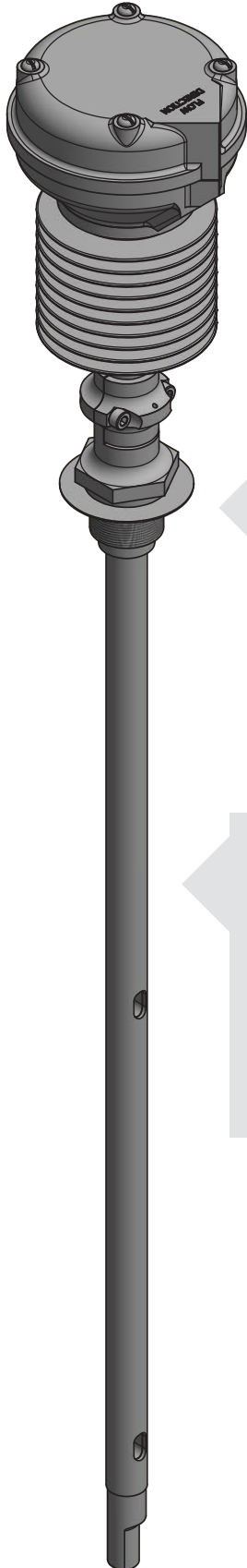
Multi-Point Sensor



vs 2 Sensors



MULTIPOINT SENSORS



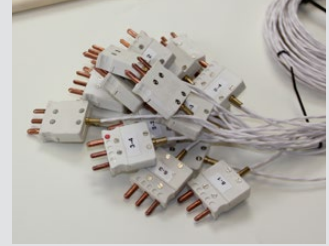
Terminal Options



Junction Box



Lead Wire

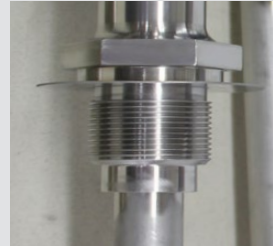


Male Plugs

Connection Options



Flanged



Threaded



Union

Stem Styles



Exposed



Protection Tube



Flexible

Additional Options



Inner Guide Tubes with Heat Transfer Blocks
(Cutaway for Illustration Purposes)



Cooling Fins

- Wide Variety of Stem Materials
- Anchor/Weight
- Transmitters (4-20mA, HART)
- Media Transfer Windows
- Free Hanging Stems
- Staggered Stems
- Replaceable Stems