

Configuration Data Sheet

Calculations conducted per ASME/ANSI PTC 19.3 but with Strouhal number varying with Reynolds number. Please complete and fax to appropriate locations at the bottom of this form.

Company Information

Requesting Company: _____ Phone: _____ Fax: _____
 Contact _____ Tag Number _____
 End Customer _____ Date of Request: _____

Thermowell Information (Information for either (a), (b), (c), or (d) required)

- a) Rosemount Thermowell Part Number (example 00079-0834-1321):
- b) Rosemount Sensor Model Number (example 0078R21C30A120F54):
- c) Customer Drawing Number
- d) Generic Thermowell Information:

Thermowell Material:
 Stem Style: Straight Stepped Tapered
 Mounting Style: Threaded Welded Flanged

If flanged, specify: ANSI/ASME DIN

Size: _____ Class: _____

Thermowell Bore Diameter (D): _____

Tip Diameter (A): _____

Tip Thickness (T): _____

Length from Tip to Support (U): _____

Root Diameter (B): _____

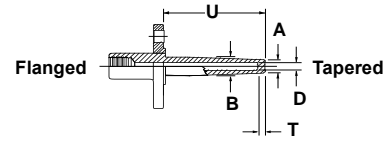
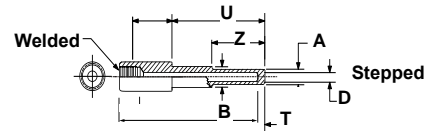
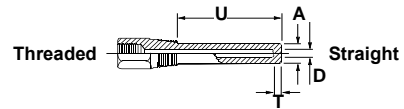
(same as (A) for straight thermowells)

Length of Tip Diameter (Z): _____

(stepped for thermowells only)

Mounting Style

Stem Style



SENSORS_0010B, 0016B, 0047B

Service: Liquid Gas Steam Fluid Description: _____
 Operating Fluid Flow Rate: Maximum _____
 Operating Fluid Flow Rate Units:
 gal/s gal/min gal/hr l/s l/min l/hr ft/s ft³/min
 ft³/hr bbl/hr impgal/s impgal/min impgal/hr m/s m³/min m³/hr
 shon/hr lb/hr kg/s kg/hr other: _____

Operating Max. Fluid Pressure: _____ Gauge Absolute
 Operating Min. Fluid Pressure: _____ Gauge Absolute

Pressure Units: _____ Pressure Units: _____
 Operating Fluid Temperature: _____ °F °C Viscosity: _____ kg/m•s (Pa•s) Centipoise
 Operating Fluid Density: _____ m³/kg or Specific Volume/Density: _____ at process conditions at standard conditions (STP)
 ft³/lbm

Process Pipe Size: _____ Pipe Standoff Height: _____
 Process Pipe Size: _____ Standoff Schedule: _____
 or Standoff Internal Diameter: _____

For Rosemount Internal Use Only

Rosemount Order/Quotation # _____ Line Item # _____ Ship Set # _____ ID # _____
 Customer Order/Item # _____ Salesperson: _____
 Cont. Admin. _____ Tech. Specialist: _____

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