



1-800-884-4967 / sales@instrumart.com

Flow Application Information

General:

Pipe Size (O.D.): _____ Schedule/Wall Thickness: _____

Pipe Material: _____ Liner Material: _____

Pressure Rating: _____ Process Connection: _____

Orientation: Horizontal: Vertical (upward flow): Vertical (downward flow):

Installation Conditions:

Indoor: Outdoor: Ambient Temperature: Min: _____ Max: _____

CAN THE PROCESS BE SHUT DOWN FOR INSTALLATION? YES NO

IS THERE A SOURCE OF NOISE/VIBRATION NEAR THE METER? YES NO

CAN PULSATING FLOW EXIST? YES NO

CAN VACUUM CONDITIONS EXIST? YES NO IF SO, PLEASE SPECIFY: _____

IS THE MEASUREMENT POINT IN AN AREA THAT COULD BECOME SUBMERGED? YES NO

FULL PIPE: YES NO

BI-DIRECTIONAL FLOW: YES NO

FLOW DESCRIPTION: CONSTANTLY STEADY VARIES SLIGHTLY VARIES CONSTANTLY

LINEAR DISTANCE OF STRAIGHT RUN AVAILABLE AT METER INSTALLATION SITE:

UPSTREAM _____ DOWNSTREAM _____

PLEASE SPECIFY ANY POTENTIAL FLOW DISRUPTORS WITHIN 50 PIPE DIAMETERS OF INSTALL:

ELBOW _____ TEE _____ PUMP _____ VALVE _____

DIFFUSER _____ TAPER _____ OTHER: _____

HAZARDOUS AREA: YES NO IF SO, PLEASE SPECIFY: _____

Process Conditions: (please be specific)

Liquid: _____ Gas: _____

Steam: Saturated Superheated

Flow rate: Units: _____ Min: _____ Norm: _____ Max: _____

Pressure: Units: _____ Min: _____ Norm: _____ Max: _____

Temperature: Units: _____ Min: _____ Norm: _____ Max: _____

Viscosity: Units: _____ Min: _____ Norm: _____ Max: _____

Density: Units: _____ Min: _____ Norm: _____ Max: _____

Conductivity Value: _____ μ S Suspended Solids: _____ %

Performance: (check all that apply)

Intended Use: Measurement Control Portable Permanent

Measurement Type: Volumetric Mass Velocity Other _____

Expected Accuracy: +/- _____ % of rate **or** +/- _____ % of span

Expected Repeatability: +/- _____ % of rate **or** +/- _____ % of span

Power Supply: 24 VDC 120 VAC Battery/Wireless

Communication: HART Modbus Ethernet/IP Other _____

Outputs: 4–20 mA Pulse _____ Frequency _ _____

Relay _____ Other _____

Comments: