



Thermal Instrument Company...Thermal Mass Flow Measurement for more than 50 years!

217 Sterner Mill Road
Trevose, PA 19053 USA

www.ThermalInstrument.com
Office@Thermalinstrument.com

P: 215-355-8400 | F: 215-355-1789

Application Questionnaire

Customer Contact Information:		
First Name:	Last Name:	Please fill in as many details about your flow application as known. Please return this form to your local sales representative or email or fax to Thermal Instrument Company.
Email Address:	Phone #	
Company Name:	Street Address:	
City:	State / Province:	Zip:
Country:		

Are you interested in a Flow Meter or Flow Switch

Preferred Flow Sensor Style (Visit our website for more detail):

Model # 62-9 Insertion Probe Model # 600-9 In-line

Flow Application Details			
Fluid Type (i.e. Natural Gas, Landfill Gas, Water, etc.):			
If Mixture, provide composition %'s by type:			
State of Fluid (L= Liquid, G = Gas, S = Saturated, O= Other):			
Flow Range:			
Minimum Flow:	Operating:	Maximum:	Unit of Measure
Pressure Range:			
Minimum:	Operating:	Maximum:	Unit of Measure
Temperature Range			
Minimum:	Operating:	Maximum:	°F or °C
Line Type Information			
Pipe Size:	Pipe Schedule:	Type of Piping (SS, CS, HDPE, ETC.):	
Tubing Size:	Tube OD:	Tube ID:	
Duct : (If Rectangular, please provide dimensions)			
Any Special Finish Required? Standard (316SS)? Sanitary (32 Ra or Better)? UHP (15RA or Better)?			
Flow Wetted Material Requirements (Standard 316SS):			
Preferred Process Connections: (Examples: Compression, NPT, Flange, Sanitary Tri-Clamp, VCO, VCR, Other)			
Is the line full of fluid or partially full?			



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Any other comments or notes about your flow application?

If Flow is vertical, what direction is the flow traveling? Up Down

Do you have 10 pipe diameters of straight run on inlet and 5 pipe diameters of straight run on outlet side of instrument? Yes No

If No, what is the straight run length and unit of measure and describe fittings, elbows, etc. before and after?

Enter your details here

Electronic Transmitter Information (Flow Meter):

Integral or Remote If Remote, how many feet of connection cable required? [Click or tap here to enter text.](#)

Display Flow Rate Display Totalized Flow Rate No Display

Outputs:

4-20mA Flow Rate 4-20mA Temperature Pulse Output Hart Communication

RS485 Modbus Relay Output

Special Flow Conditions:

Bi-Directional Flow Indication Bi-Directional Flow Measurement

Automatic Dual Flow Range

Flow Switch Details:

Model # FS (Available as Integral or Remote Mount Only)

Field Adjustable 5 Amp SPDT Relay Alarm (1 Each)

Or

Model # FS16 (Integral Mount Only)

(2) Field Adjustable 10 Amp SPDT Relay Alarms or (1) Field Adjustable DPDT 10 Amp Relay

Optional Temperature 4-20mA Output Optional Temperature Alarm

Power Requirements:

110 VAC 220 VAC 24 VDC