

Fox Thermal Instruments, Inc.

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Application Data Sheet

Model FT2 Flowmeters

3/31/05 (ADS FT2-4)

CUSTOMER INFORMATION

Company Name and Address:	P.O. Number:	S.O. Number:
	Tag Number(s):	
Phone:	Fax:	
Contact:	Email address:	

PROCESS DETAILS

Application Description

Describe type of application (e.g. boiler feed, flare gas, etc.).

Gas Information

Gas Name: _____

Mixed Gas Information

Please attach a composition sheet or fill in composition below.
Total composition must add up to 100%.
Indicate if data is % Volume (moles) or % Weight (mass)

Process Conditions

	Minimum	Nominal	Maximum	Units
Flow Rate:	_____	_____	_____	_____
Temperature:	_____	_____	_____	_____
Pressure:	_____	_____	_____	_____

Input Power

24 VDC 85 to 250 VAC (extra \$)

INSTRUMENT DETAILS

Notes:

Temperature Setup

4 mA Value: _____ 20 mA Value: _____

Temperature Units: F or C Alarm Set Point: _____

Flowmeter Setup

Flow Rate Units: SCFM lb/hr.
 SCFH kg/hr.
 NM3H _____

4 mA Value: _____ (Normally Zero)

20 mA Value: _____

Alarm Set Points: _____

Standard Temperature and Pressure (STP)

Standard: 70°F and 14.7 psia
 0°C and 760mm Hg
Other (indicate units): _____ and _____

Area Classification

Sensor: _____

Electronics (If Remote Configuration): _____

PIPING INFORMATION AND STRAIGHT PIPE REQUIREMENTS

Pipe size _____ Schedule _____ ID* _____ Duct Dimensions _____

* An accurate pipe/duct inside diameter required for Insertion Flowmeter applications to ensure correct flow rate calculation.

Insertion Flowmeters: Fox recommends 15 pipe diameters of straight pipe upstream of the flowmeter and 10 diameters downstream.

Inline Flowmeters: Fox recommends 8 pipe diameters of straight pipe upstream of the flowmeter and 4 diameters downstream.

If you do not have the recommended straight pipe please complete the following for your application.

_____ straight pipe diameters upstream of the flowmeter

_____ straight pipe diameters downstream of the flowmeter

Rep/Distributor: _____

Contact: _____