

Fox Thermal Instruments, Inc.

399 Reservation Road, Marina, CA 93933 USA
Phone: (831) 384-4300 Fax: (831) 384-4312
sales@foxthermalinstruments.com

Application Data Sheet

Model 10A Flowmeters

Rev. 3/31/2004 (ADS 9)

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%.
 % Volume (moles) % Weight (mass)

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

Input Power
 24VDC 115VAC* 230VAC*
*Note: The Remote NEMA option is not FM or CSA approved.
*Note: AC Power only available in Remote NEMA 4 option.

INSTRUMENT DETAILS

Flowmeter and Display Orientation - See Code Sheet

<input type="checkbox"/> D1	<input type="checkbox"/> D4	<input type="checkbox"/> D7
<input type="checkbox"/> D2	<input type="checkbox"/> D5	<input type="checkbox"/> D8
<input type="checkbox"/> D3	<input type="checkbox"/> D6	N/A for Remote

Display

Display flow rate only
 Alternate between flow rate, total, & elapse time*

* Alternate mode only available when minute or hour flow rate time units are used (i.e. SCFM, NM3H; not SFPS, NMPS).

Flowmeter Setup

Output Units: SFPS lb/hr.
 SCFM 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): _____

DIMENSIONS

Pipe size _____ Schedule _____ ID* _____ Duct Dimensions _____

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

Please provide a sketch of the piping and flowmeter installation below. Identify elbows, valves, etc.

Rep/Distributor: _____

Contact: _____