

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 FT2A Flow Meters

02/18/14

CUSTOMER INFORMATION

Company Name and Address:
Brand X
1234 Main St.
Cityville, ST 99999

Phone: **555-555-5555**

Contact: **Jane Doe**

Email Address: jane.doe@email.com

Customer P.O. Number: **123571113**

Tag Number: (20 characters maximum)
FT-101 4" N2

For Fox Office Use:
Model #:
S.O. #:
Serial #:

PROCESS DETAILS

Application Description
 Describe type of application (e.g. boiler feed, flare gas, etc.).
N2 Feed

Gas Information
 Gas Name:
Nitrogen

Mixed Gas Information
 Please attach a gas composition analysis.
 Indicate if data is % Volume (moles) or % Weight (mass).
 Total composition must add up to 100%.

Process Conditions

	Minimum	Nominal	Maximum	Units
Flow Rate:	<u>0</u>	<u>2400</u>	<u>4,000</u>	SCFM ▼
Temperature:	<u>80</u>	<u>100</u>	<u>150</u>	Deg F ▼
Pressure:	<u>10</u>	<u>20</u>	<u>50</u>	PSIG ▼

Non Resettable Totalizer

Configure as Non-Resettable Totalizer

INSTRUMENT DETAILS

Flow meter and Display Orientation - See Code Sheet
 F1 ▼
F3 - F8 REQUIRE EXTRA CHARGE ELBOW KIT

Temperature Units: Deg F ▼
 4 mA Value: 0
 20 mA Value: 150

Flow Rate 4 to 20 mA Scaling and Display Units Selection
 Flow Rate Units: SCFM ▼
 4 mA Value: 0 (Normally 0)
 20 mA Value: 4,000

Standard Temperature and Pressure (STP)
 70°F and 14.7 psia ▼
 Other - select values & units: _____ and _____

Comments:

PIPING INFORMATION AND STRAIGHT PIPE REQUIREMENTS

Pipe size: 4" Schedule: 40 Pipe ID*: 4.026 Duct Dimensions*: _____

* Accurate pipe/duct inside diameter required for Insertion Flow Meter applications to ensure correct flow rate calculation.

Insertion Flow meters: Fox recommends 15 pipe diameters of straight pipe upstream of the flow meter and 10 diameters downstream.

Inline Flow meters: Fox recommends 8 pipe diameters of straight pipe upstream of the flow meter and 4 diameters downstream.

If you do not have the recommended straight pipe please enter upstream and downstream information for your application:

15 straight pipe diameters upstream of the flow meter.

15 straight pipe diameters downstream of the flow meter.

For Fox Office Use:
 Velocity: _____ SFPM

Rep/Distributor:

Contact:

Factory Use Only:	Tunnel	Cal. Gas	Hours	psig	Cal. Pres.
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