

Fox Thermal Instruments, Inc.

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Application Data Sheet**Model FT4A Flow Meters**

05/15/17

CUSTOMER INFORMATION

Company Name and Address:

Customer P.O. Number:

Tag Number: (20 characters maximum)

Phone:

Contact:

Email Address:

For Fox Office Use:

Model #:

S.O. #:

Serial #:

PROCESS DETAILS**Application Description**

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

Gas Composition

Pure Gas (list here):

or

Mixed Gas (list here, or attach composition analysis, indicate if data is % volume or % mass, total composition must add up to 100%):

INSTRUMENT DETAILS**Communication Output Configuration****Flow Rate 4 to 20 mA Scaling and Display Units Selection**

Flow Rate Units: _____

4 mA Value: _____ (Normally 0)

20 mA Value: _____

Standard Temperature and Pressure (STP)

60°F and 14.73 psia (AGA standard for natural gas)

Other - select values & units: _____ and _____

Comments:**Process Conditions**

	Minimum	Nominal	Maximum	Units
Flow Rate:				
Temperature:				
Pressure:				

Other Configuration Options

Does this application require a retractor/ball-valve assembly (Y/N)?

Does this application require an over-range calibration for upset condition (Y/N)?

The FT4A electronics enclosure must be installed in an ambient temperature environment as follows: -4°F to 158°F (-20°C to 70°C)

PIPING INFORMATION AND STRAIGHT PIPE REQUIREMENTS

Pipe size: _____ Schedule: _____ Pipe ID*: _____ Duct Dimensions* (for Rectangular): _____

* 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.

For Fox Office Use:

Velocity: _____ SFPM