Fox Thermal Instruments, Inc.

Company Name and Address:

Brand X
1234 Main St.
Cityville, ST 99999

Phone: 555-555-5555
Contact: Jane Doe
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CUSTOMER INFORMATION

Customer P.O. Number:

Tag Number: FIT-1010

For Fox Office Use:

Model #:

S.O. #:

Serial #:

INSTRUMENT DETAILS

Flow meter and Display Orientation - See Code Sheet

Oxygen Service

Gas Information

Oxygen

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:  0  172.0  250.0  SCFM

Temperature:  55  60  65  Deg F

Pressure:  5  25  40  PSIG

The FT3 electronics enclosure must be installed in an ambient temperature environment as follows:

● Enclosure without display or AC power supply: -40°F to 158°F (-40°C to 70°C)
● Enclosure with display or AC power supply: -4°F to 158°F (-20°C to 70°C)

Check this box if your application is outside of these limits.

Clean and bag flow meter for Oxygen service

Non Resettable Totalizer

Configure as Non Resettable Totalizer.

PIPING INFORMATION AND STRAIGHT PIPE REQUIREMENTS

Pipe size: 1” Schedule: 40 Pipe ID*: 1.049 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:

10 straight pipe diameters upstream of the flow meter.

10 straight pipe diameters downstream of the flow meter.

For Fox Office Use:

Velocity: __________ SFPM

Contact:

Rep/Distributor:


F-068, FT3 Application Data Sheet

Rev. D, 02/18/14