MUIS CONTROLS LTD.

Flow Meters • Flow Controls

FLOW METER APPLICATION INFORMATION

Instrument Tag Number: _____

Fluid Name: ❑ Water ❑ Air ❑ Other _____ ❑ Gas ❑ Liquid Specific Gravity _____

Fluid is: ❑ Clear to Translucent (can see through or into) ❑ Dark or Opaque (cannot see into)

Operating Pressure (Inlet): Min. _____ Norm. _____ Max. _____ ❑ PSIG ❑ Kpag ❑ Other _____

Operating Pressure (Outlet): Min. _____ Norm. _____ Max. _____ ❑ PSIG ❑ Kpag ❑ Other _____

Maximum Allowable Differential Pressure: _____ ❑ PSI ❑ Kpa

Operating Temperature: Min. _____ Norm. _____ Max. _____ ❑ °F ❑ °C

Ambient Temperature: Min. _____ Norm. _____ Max. _____ ❑ °F ❑ °C

Operating Viscosity : _____ ❑ Cps ❑ Csk ❑ SSU ❑ Other _____ at _____ ❑ °F ❑ °C

Flow Range: Min. _____ Norm. _____ Max. _____ Check Units Below

Preferred Units : Liquids: ❑ CCM ❑ LPM ❑ LPH ❑ USGPM ❑ USGPH ❑ M^3H ❑ %

Gases: ❑ SCCM ❑ NLPM ❑ NLPH ❑ SCFM ❑ SCFH ❑ NM^3H ❑ %

Direct Reading Scale: ❑ Yes ❑ No (To correct for fluid specific gravity, viscosity, pressure or temperature)

Suspended Solids: ❑ Yes ❑ No ____ % Screened to _____ Mesh Filtered to _____ Microns

Purpose of Flowmeter: ❑ Indicate Flow ❑ Totalize Flow ❑ Local Display ❑ Remote Display

(Check all that apply) ❑ Transmit: ❑ 4 - 20 ma DC ❑ 0 -10 VDC ❑ 1-5 VDC ❑ Pulse _____

❑ Flow Alarm Switch: ❑ High ❑ Low ❑ SPST ❑ SPDT Rating _____

❑ Batch Control: ❑ Manual ❑ Semi Automatic ❑ Fully Automatic

Available Power Supply: ❑ Not applicable ❑ 120 VAC ❑ 240 VAC ❑ 24 VDC ❑ 12 VDC ❑ Need Battery Powered

Preferred Connections: Size _____ ❑ NPTF ❑ 150# ANSI RFF ❑ 300# ANSI RFF ❑ SAE Thread ❑ PVC Socket ❑ Other _____

Pipe Information: Size _____ Material _____ Schedule _____

Flow Regulating Valve: ❑ Not Required ❑ On Meter Inlet ❑ On Meter Outlet

Constant Flow Controller: ❑ Not Required ❑ On Meter Inlet ❑ On Meter Outlet

Preferred Materials: _____

Materials To Avoid: _____

Accuracy: ❑ 1% (with special calibration) ❑ 2% ❑ 3-5% ❑ 6-10% ❑ of Rate ❑ of Full Scale

Mounting Orientation: ❑ Vertical ❑ Horizontal With Flow Direction: ❑ Up ❑ Down ❑ to Right ❑ to Left

Mounting Preference: ❑ In-line ❑ Panel Surface ❑ Other _____

Electrical Classification: ❑ NEMA 4 ❑ NEMA 4X ❑ NEMA 7 ❑ NEMA 7X ❑ Other _____

Brief Description of Application: _____

_____

_____

Currently Using Flowmeters for this Application? ❑ Yes ❑ No (Specify Brand/Model) _____

Have you experienced problems? _____

_____

(This information will help us to recommend an appropriate replacement flowmeter.)

Name _____

Title _____

Company _____

Dept./Div. _____

Address _____

_____

City/Town _____

Province _____ Postal Code _____

Phone _____

Fax _____

E-mail _____

Industry:

- ❑ Automotive and Other Manufacturing
- ❑ Chemical and Petrochemical Processing
- ❑ Consulting Engineers
- ❑ Electric Power Utilities
- ❑ Food and Beverage Processing
- ❑ Laboratory and Research
- ❑ Metals and Minerals Processing
- ❑ Original Equipment Manufacturing (OEM)
- ❑ Pulp and Paper Processing
- ❑ Representatives and Distributors
- ❑ Water and Waste Water Treatment
- ❑ Other _____

Muis Controls Ltd., 29 Riel Drive, St. Albert, Alberta, Canada T8N 3Z2
Phone +1-780-459-7080 Toll Free 1-800-661-8823 Fax +1-780-459-7085
info@muiscontrols.com www.muiscontrols.com