

## Liquid Flow Controller Specification

Date:

Name:

Company:

Phone:

E-Mail:

What is the application?

What liquid or liquids are to be used?  Pure, clean DI or distilled water  Other:

What is the maximum mass flow (peak flow rate) reading required?

What units of measure are required?

Feed What are the typical feed and back pressure?   Back

Is there vacuum involved?  yes  no  not sure

What is the operating pressure? Min.  Max.

What is the allowable pressure drop through the controller?

Is the pressure available greater than the minimum full scale pressure drop?  yes  no  not sure

Is the liquid flow bidirectional?  yes  no  not sure

What is the approximate ambient operating temperature? Min.  Max.

What is the operating temperature of the liquid? Min.  Max.

What electrical power is available?  12 Vdc  24 Vdc  Other

What signal interface is needed?  Analog  Digital

Analog output?  0-5 Vdc  1-5 Vdc  0-10 Vdc  4-20 mA

How will the set-point be communicated to the controller?

Device Display  RS-232/RS-485  Analog

Primary analog output?  0-5 Vdc  1-5 Vdc  0-10 Vdc  4-20 mA

Opt. Secondary Analog Output?  0-5 Vdc  1-5 Vdc  0-10 Vdc  4-20 mA  none

Parameter for the secondary analog output?

flow  Temperature  Pressure \*

Digital output?  RS-232  RS-485  local  Profibus  Modbus RS-232  Modbus RS-485

Will the control loop be closed on:  flow Rate  Gauge Pressure \*

What communications connector is needed?

8 pin  6 pin locking  DB9 male  DB9 female  DB15

What cable length is needed?  6 ft  25 ft  50 ft  other:

What display is desired?  Monochrome  Color (TFT)  none

Is a remote display needed?  Yes Remote Display cable length :

Are special process connections needed?  VCR  SAE  NESSI  Other:

Is a totalizer function desired ?  yes  no

What increments (resolution) for the totalizer?  1/100  1/10  1  10  Other:

Will you be using the totalizer for batch processing/control?  yes  no  not sure

What totalizer action on reaching maximum?  no rollover  rollover  rollover w/notification

Comments:

\* If pressure is selected, the controller must be ordered with the optional pressure sensor.