

Liquid Flow Meter 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?

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

Is the optional pressure sensor required? 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

Does the meter need to be portable (battery powered)? yes no

What signal interface is needed? Analog Digital

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

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:

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.