

Mass Flow Meter Specification

Date:

Name:

Company:

Phone:

E-Mail:

What is the application?

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

What units of measure are required?

Other: Which standard conditions are required? Std: 25°C/14,696 psia

What is the maximum operation pressure ?

What is the minimum operation pressure ?

What is the allowable pressure drop through the meter?

Is the pressure available greater than the minimum full scale pressure drop? yes no

Is the gas flow bidirectional? yes no not sure

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

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

What gas or Gases are to be used?

Is the gas clean, non-corrosive and dry (non-corrosive)? yes no not sure

Is the gas aggressive / corrosive? yes no not sure

Will there be water vapor in the gas? yes no not sure

Which electrical power is available? 12 Vdc 24 Vdc Other

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

Which 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 4-20 mA none

Parameter for the secondary analog output? mass flow Vol. flow

Pressure Temp.

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

Which communications connector is needed? 8 pin 6 pin locking DB9 male DB9 female
 DB15

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

Which display is desired? Monochrome Color (TFT) none

Which calibration accuracy is required? 0.8% of reading + 0.2% of FS 0.4% of reading + 0.2% of FS

Are special process connections needed? VCR SAE NESSI Other:

Is a totalizer function desired? yes no

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

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

Comments: