



LM-2100A

Liquid Mass Flow Meter

Features :

- The LM-2100A liquid mass flow meter measures various liquid material flow rates with high precision.
- The patented original thermal mass flow sensor is incorporated for measuring flow rate. Digital electronics provides high-speed reliable flow rate measurement.
- Combined with the flow rate control valve CV series, high precision liquid flow rate control is possible.
- In addition, combination with vaporizer VU series makes high precision and high speed vaporization possible.



Features	Model / Details	Specifications
Liquid flow rate		0.05 – 10 g/min
Accuracy	% F.S.	± 1
Linearity	% F.S.	± 0.5
Repeatability	% F.S.	± 0.2
Pressure capacity		1000 kPa
Operation temperature		15 – 35°C
Temperature coefficient	% F.S. / °C	Zero 0.1
		Span 0.1
Leak integrity	He	1.10 ⁻¹⁰ scc/sec
Flow rate command		0 – 5 VDC
Flow rate output		0 – 5 VDC
Power supply requirements		+ 15 V, 100 mA
		- 15 V, 200 mA
Digital communication	Digital interface	RS – 232C
	Alarm output	Open collector output
	Zero adjustment input	Possible
	Preset input	Possible
Standard fittings	Inlet	1/8" VCR male
	Outlet	1/8" VCR male
Wetted materials	Body	SS316L
	Seals	Au
	Flow sensor	SS316L
Mounting direction		Free
Weight		800 g
Standard accessories	Main connector	D05 8 pin
	Communication	CC – DOSF (D – SUB 9 pin)
	Cable (optional)	CC – T2 (D – SUB 25 pin)
Options		Surface polishing
		Anti-corrosive plating
		Pt Seals

- Please inform Qualiflow of the type and chemical property of the liquids you intend to use.
- If you can provide a particular liquid for Qualiflow, a flow rate calibration can be carried out for a fee.
- Some liquids might not be accepted to handle by Qualiflow.
- For information not included in this datasheet, please contact Qualiflow sales representative.

Dimensions

