

## High Performance Mass Flow Meter

### LM-3000L Series



#### ■ Outlines

- LM-3000L Series: High performance digital mass flow meter equipped with mass flow meter for liquid applications
- Operates as a liquid mass flow controller when use in combination with CV-1000 Series or control valve-fitted VU Series

#### ■ Features

- Can also be used as a liquid mass flow controller upon integration of a solenoid-actuator driving circuit
- RS-485 digital interface
- Lintec's original ambient temperature-compensated sensor incorporated
- Highly functional upon installation of microprocessor
- Long-term leak tightness ensured using metal seal
- By using metal case and various filters, stable operation can be achieved through reduction of radio frequency noises and electromagnetic field interferences

CE RoHS

Model		LM-3112L	LM-3212L	LM-3412L
Flow rate	C <sub>2</sub> H <sub>5</sub> OH conversion	0.1 ~ 1.0g/min	1.0 ~ 6.0g/min	5 ~ 20g/min
	H <sub>2</sub> O conversion	0.1 ~ 0.2g/min	0.2 ~ 1.0g/min	1 ~ 5.0g/min
Accuracy		±1.0% F.S.		±2.5% F.S.
Linearity		±0.5% F.S.		±1.0% F.S.
Repeatability		±0.5% F.S.		
Analog flow rate output signal		0 ~ 5VDC		
Operating differential pressure		50 ~ 300kPa		
Withstand pressure		1MPa(G)		
Temperature coefficient	Zero	±0.1% F.S. / °C		
	Span	±0.1% F.S. / °C		
Operating temperature		15 ~ 35°C 0 ~ 80% RH		
Leak integrity		1×10 <sup>-11</sup> Pa · m <sup>3</sup> / sec He		
Wetted materials		SUS316L		
Seal materials		SUS316L		
Power supply requirements		+15VDC±3% 100mA, -15VDC±3% 200mA		
Mounting position		Free		
Analog connector		Dsub 9pin		
Digital interfaces		RJ45/RS-485		
Weight		800g		