

High Performance Digital Mass Flow Meter

LM-3000L Series



■ Outlines

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

■ Features

- Can be used as a liquid mass flow controller upon integration of external control valve
- 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-3712L
Flow rate	C ₂ H ₅ OH conversion	0.1 ~ 1.0g/min	~ 6.0g/min	~ 30g/min
	H ₂ O conversion	0.1 ~ 0.2g/min	~ 1.0g/min	~ 15g/min
Accuracy		±1.0% F.S.		±2.0% F.S.
Analog flow rate output signal		0 ~ 5VDC		
Operating differential pressure		50 ~ 300kPa		
Withstand pressure		1MPa(G)		
Operating temperature		15 ~ 35°C 0 ~ 80% RH		
Leak integrity		1×10 ⁻¹¹ Pa · m ³ / sec He		
Wetted materials		SUS316L		
Seal materials		Au		
Power supply requirements		+15VDC±3% 100mA, -15VDC±3% 200mA		
Mounting position		Free		
Analog connector		Dsub 9pin		
Digital interfaces		RJ45/RS-485		
Weight		800g		