

## High Performance Digital Mass Flow Meter MM-3000L Series



### ■ Outlines

- MM-3000L Series: Previous MC-3000L Series-based, highly efficient digital mass flow meter

### ■ Features

- 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	MM-3102L	MM-3202L	MM-3252L	MM-3452L	MM-3462L	MM-3472L
Flow rate in Nitrogen (Full scale)	5 ~ 5,000SCCM	10, 20SLM	30 ~ 50SLM	50SLM	100, 150SLM	200, 250SLM
Accuracy	100% F.S. ~ 25% F.S. ±1.0% S.P. 25% F.S. ~ 2% F.S. ±0.25% F.S.			100% F.S. ~ 35% F.S. ±1.0% S.P. 35% F.S. ~ 2% F.S. ±0.35% F.S.		±2.0% F.S.
Repeatability	±0.2% F.S.			±0.5% F.S.		±1.0% F.S.
Analog flow rate output signal	0 ~ 5VDC					
Operating differential pressure	10 ~ 400kPa					
Withstand pressure	1MPa(G)					
Temperature coefficient	Zero	±0.02% F.S. / °C			±0.1% F.S. / °C	
	Span	±0.02% F.S. / °C	±0.04% F.S. / °C	±0.08% F.S. / °C	±0.1% F.S. / °C	
Operating temperature	5 ~ 50°C 0 ~ 80% RH					
Leak integrity	1×10 <sup>-11</sup> Pa · m <sup>3</sup> / sec He					
Materials exposed to gas	SUS316L					
Seal materials	Au					
Power supply requirements	+15VDC±3% 100mA, -15VDC±3% 50mA					
Mounting position	Free					
Analog connector	Dsub 9pin					
Digital interfaces	RJ45/RS-485					
Weight	1.0kg			1.4kg		