

High Temperature Mass Flow Meter MM-3000L-TN Series



■ Outlines

- MM-3000L-TN Series: Guaranteed operation up to 120°C in high-temperature environment

■ Features

- Maximum operating temperature of 120°C
- 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

RoHS

Model	MM-3102L-TN-L	MM-3102L-TN-H
Flow rate in Nitrogen (Full scale)	10 ~ 5,000SCCM	
Accuracy	±1.0% F.S.	
Repeatability	±0.2% F.S.	
Analog flow rate output signal	0 ~ 5VDC	
Operating differential pressure	10 ~ 400kPa	
Withstand pressure	1MPa(G)	
Operating temperature	80 ~ 100°C 0 ~ 80% RH	100 ~ 120°C 0 ~ 80% RH
Bake temperature	150°C	
Leak integrity	1×10 ⁻¹¹ Pa · m ³ / sec He	
Materials exposed to gas	SUS316L	
Seal materials	Au	
Power supply requirement	+15VDC±3% 100mA, -15VDC±3% 50mA	
Mounting position	Free	
Analog connector	Dsub 9pin	
Digital interfaces	RJ45/RS-485	
Weight	1.2kg	