

25~15,000 SLM Mass Flow Meter HFM-200 WITH LFE(LAMINAR FLOW ELEMENT) MASS FLOW METER

Wide Flow



HFM 200 LFE 는 주변 환경에도 매우 안정적인 결과를 보여주는 기체용 질량 유량계 및 제어기 입니다. 0~25 slm 에서 15,000 slm(N₂) 까지의 측정범위를 가지고 있습니다. Lamiar Flow 배관은 3/8" 부터 8" 까지 선택 가능합니다. ±(1% of full scale) 정확도

Applications and Industries (응용 분야)

- Bulk Gas Handling
- Furnace Fuel Measurement
- R&D and Process Flows
- Leak Testing

Features (특징)

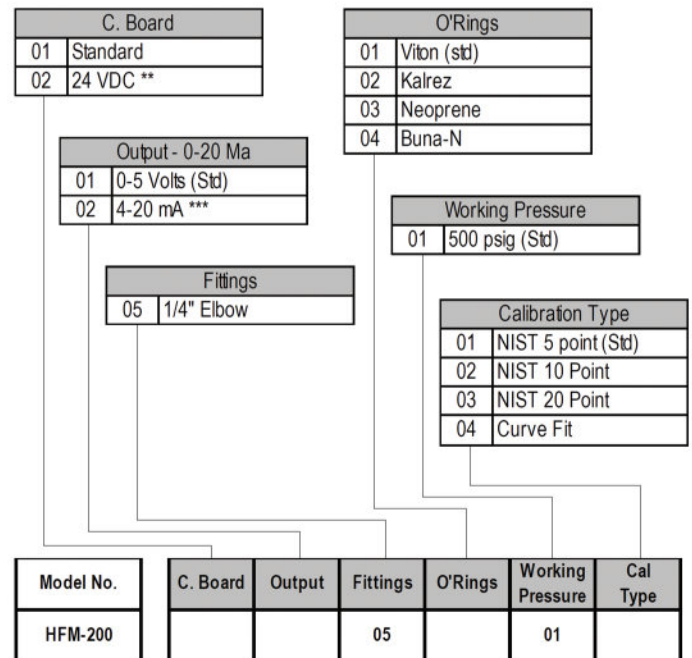
- Range 25 to 15,000 slm (N₂ Equivalent)
- Accuracy in Nitrogen ±1% of full scale
- Modular Construction
- High Capacity
- Low Pressure Drop
- Linear Response
- NIST Traceable Calibration



Specifications

Range	25 to 15,000 slm (N ₂ @ 44.7 psia)
Accuracy	±1% of full scale
Repeatability	±0.05% of full scale
Pressure Coefficient	(Span) 0.0067% / psi (N ₂)
Leak Integrity	< 1x10 ⁻⁷ sccs He
Operating Temperature	-10°C~65°C
Temperature Coefficient	Zero ± 0.035%/°C of F.S. (-10°C~65°C)
	Span ± 0.027%/°C of Rdg (-10°C~65°C)
Power Requirements (±15 V)	±(14~16) VDC @ ±30 mA (< 1 Watt)
Power Requirements (+24 V)	(14~32) VDC (< 1.9 Watt)
Available outputs	0~5 VDC, 4~20 mA, 0~20 mA
Connector (±15 VDC)	15 Pin D-sub
Connector (+24 VDC)	9 Pin D-sub
Attitude Sensitivity	Zero < 0.25% of F.S.
Wetted Materials	316 SS, Viton®, 87/13 Au/Ni Braze,
Fittings	See Selection Chart
Standard Working Pressure	150 psig for flanged LFEs
	500 psig for threaded or smooth LFEs
Working Pressure (transducer)	500 psig

Selection chart



** No RF Rejection - 0-5 volts only

*** Not available with fast response