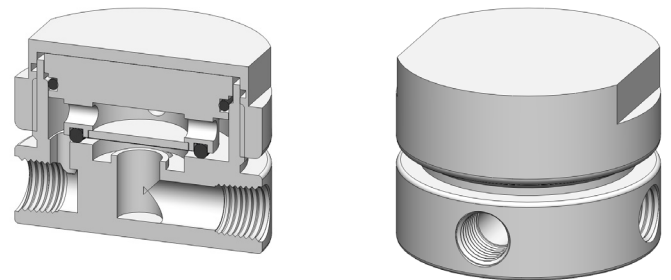


Materials PTFE
Pressure 7 Bar
Ports 1/8" or 1/4"
Membrane MT.33.□

FM101 membrane housings use a porous PTFE membrane, which is supported by a sintered porous PTFE disc on the outlet side. Any liquid in the gas sample will flow to the drain port. This port can also be used as a bypass function for the main flow.

The housing design allows a quick change of the membrane as all the line connections are arranged in the body of the housing and the threaded cap means no tools are required for access.

Standard housings have NPT ports and include Viton seals. Other seal types are available as an option. BSPT and BSPP port types are also available.



Technical Specifications

Housing Model	FM101.111	FM101.221
Port Size	1/8" NPT	1/4" NPT
Drain & Bypass Ports	1/8" NPT	1/4" NPT
Maximum Pressure, Bar	7	7
Maximum Temperature, °C (1)	150	150
Materials of Construction (2)		
Head, Bowl & Internals	PTFE	PTFE
Seals (3)	Viton	Viton
Membrane Code (4)	MT.33.□	MT.33.□
Principal Dimensions in mm		
Diameter	63	63
Height	47	47
Volume, cc	10	10
Weight, kg	0.30	0.30
Accessories		
Mounting Bracket	MBSM106	MBSM106

Notes

- (1) Maximum temperature of 150°C is due to the PTFE membrane
- (2) Material abbreviations, PTFE = Polytetrafluoroethylene
- (3) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. FM101.221.T)
- (4) Replace the □ with the membrane grade required, e.g. MT.33.M2



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