

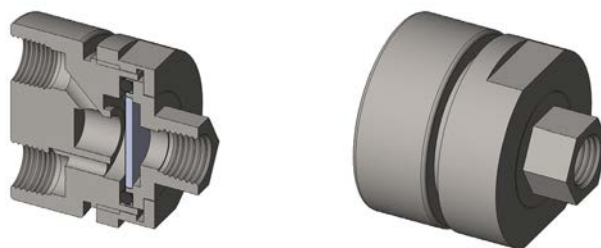
**Materials** 316L Stainless Steel  
**Pressure** 100 Bar  
**Ports** 1/8" or 1/4"  
**Membrane** MT.33.□

GSM105 membrane housings use a porous PTFE membrane, which is supported by a sintered porous stainless steel 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 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.

The housings are free from welds and comply with NACE MR-01-75.



## Technical Specifications

Housing Model	GSM105.111	GSM105.221
Port Size	1/8" NPT	1/4" NPT
Drain & Bypass Port	1/8" NPT	1/4" NPT
Maximum Pressure, Bar	100	100
Maximum Temperature, °C (1)	150	150
<b>Materials of Construction (2)</b>		
Head, Bowl & Internals	316L SS	316L SS
Seal (3)	Viton	Viton
Membrane Code (4)	MT.33.□	MT.33.□
<b>Principal Dimensions in mm</b>		
Diameter	50	50
Length	51.5	51.5
Volume, cc	3	3
Weight, kg	0.5	0.5
<b>Accessories</b>		
Mounting Bracket	MBGSM105	MBGSM105

### Notes

- (1) Maximum temperature of 150°C is due to the PTFE membrane
- (2) Material abbreviations, 316L SS = 316L Stainless Steel
- (3) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. GSM105.111.T)
- (4) Replace the □ with the membrane grade required, e.g. MT.33.M2