GUJARAT GAS

DATASHEET OF PRESSURE GAUGE

Document No. : GGL/TS/DS-PG/2017 Rev. 02

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DATASHEET OF PRESSURE GAUGE			
Sr. No.	**Technical Description**	**Specification for Pressure Gauge Range 0-250 mbarg**	**Specification for Pressure Gauge Range 0-4 barg, 0-7 barg, 0-10 barg, 0-25 barg & 0-60 barg**
General			
1	Type	Direct	Direct
2	Mounting	Local	Local
3	Dial Size	100mm	100mm
4	Standard	EN 837-1/ 837-3	As per IS 3624 / EN 837-1
5	Design	blow out back as per EN 837-3	Solid Baffle wall and blow out back as per EN 837-1, Glycerine Filled.
6	Colour	Aluminium dial with black engraving	Aluminium dial with black engraving
7	Case material	SS304	SS304
8	Bazel Ring	Vendor to Furnish	Vendor to Furnish
Construction			
9	Window material	Shatterproof Glass	Shatterproof Glass
10	Enclosure	IP 65	IP 65
11	Pressure Element	Capsule Type	C Type Bourdon Tube
12	Element Material	SS316/SS316L	SS316/SS316L
13	Socket material	SS316/SS316L	SS316/SS316L
14	Accuracy	±1.6 % FSD	±1% FSD
15	Connection	1/2"NPT(M)	1/2"NPT(M)
16	Connection Location	Bottom	Bottom
17	Movement	SS304/SS 316	SS 316
18	Over-range Protection	130%	130%
19	Blow Out Protection	Required	Required
20	3-way 2-Valve Manifold **(Tick the requirement–Yes/ No)**		
21	Make	Vendor to Furnish	Vendor to Furnish
22	Model	Vendor to indicate.	Vendor to indicate.
23	Fluid	Natural Gas	Natural Gas
24	Pressure & Temperature	Select from below as per the Process parameters or tick the requirement	Select from below as per the Process parameters or tick the requirement
25	Zero Adjustment	Provision shall be available	Provision shall be available

Tick the Required Gauge						
• Pressure Gauge Range	0-250 mbarg	0-4 Barg	0-7 Barg	0-10 Barg	0-25 Barg	0-60 Barg
• Design Pressure	19 Barg	19 Barg	19 Barg	19 Barg	19 Barg	49 Barg
• Operating Pressure	0 - 110 mBarg	0.5 - 3 Barg	0.5 - 5 Barg	0.5 – 6 Barg	3-16 Barg	10 - 40 Barg
• Design Temperature	0-65 °C	0-65 °C	0-65 °C	0-65 °C	0-65 °C	-10 to 65 °C

Note:

1.0 **Vendor shall provide calibration certificates.**