



TECHNICAL SPECIFICATIONS DIFFERENTIAL PRESSURE GAUGE

Document No: GGL/TS/I&M/SUPPLY/DIFF-PRESSURE GAUGE/SPEC

Mat. Code	100012077	100012079
Short Text	GAUGE,DP,0-1BAR,2.5",1/4"NPT,300#,W/O,MN	GAUGE,DP,0-1BAR,4",1/4"NPT,300#,W/O,MNFL
Long Text	Supply of Differential Pressure Gauge confirming to IS 3624 / EN 837 with 300# Pressure Class and range of 0-1Bar with Dial size of 2.5" and end connection of 1/4"NPT without manifold valve	Supply of Differential Pressure Gauge confirming to IS 3624 / EN 837 with 300# Pressure Class and range of 0-1Bar with Dial size of 4" and end connection of 1/4"NPT without manifold valve
Make	Bidder to Specify	Bidder to Specify
Model	Bidder to Specify	Bidder to Specify
Standard	As per IS 3624	As per IS 3624
Dial Size	2.5"	4"
Overpressure limit	130 % of the range (Bidirectional)	130 % of the range (Bidirectional)
Colour	White (Non-rusted plastic with Black engraving)	White (Non-rusted plastic with Black engraving)
Case Material	SS 304/SS 316	SS 304/SS 316
Bezel Ring	BAYONET/Rubber ring/Crimp type	BAYONET/Rubber ring/Crimp type
Window Material	Shatterproof Glass	Shatterproof Glass
Enclosure	IP 65	IP 65
Sensor	Piston Type	Piston Type
Pointer	Black Aluminium	Black Aluminium
Accuracy	± 2% OF FSD	± 2% OF FSD
Connection	¼" NPT(M)	¼" NPT(M)
Connection Location	Bottom/Side	Bottom/Side
Over-range protection	Vendor to furnish	Vendor to furnish
Calibration	Required	Required
Fluid	Natural Gas	Natural Gas
Range	0 to 1 Bar	0 to 1 Bar
Design Pressure	49 barg	49 barg

Note:

- 1.
2. Bidder shall perform inspection at their works and calibration certificates shall be furnished to Gujarat Gas Limited.
3. Bidder to submit Data Sheets and QAP post award of Order for GGL review and approval.
4. TPI in the scope of Vendor.
5. TPI to be conducted as per GGL approved Data Sheet and QAP.

Approved