

Magwell Model M600 Series, is a Double Diaphragm Differential Pressure Gauge, with High Static Pressure ratings for upto 400 bar. M600 gauges are mainly used for measuring the difference between two pressure values such as flow measurement, tank level, the entrance and exit of pump, oil pipeline and high pressure pump station, etc.

Standard Features

- ◆ Double Diaphragm Type
- ◆ SS 316L Case
- ◆ Shatter Proof Safety Glass
- ◆ High Static Pressure Capability of upto 400 bar
- ◆ Weather Protection IP 65
- ◆ Dry or Liquid Filled Case
- ◆ High Corrosive Resistance

Applications

- ◆ Petrochemical Industries
- ◆ Flow Lines
- ◆ Hydraulics
- ◆ Power & Utility
- ◆ Water & Waste Water Treatment Facilities
- ◆ Other Critical Process Industries

Specification

Accuracy	: $\pm 1.6\%$ of the FSD
Range	: 0 ~ 350 psi
Sensing Element	: Double Diaphragm
Wetted Parts	: SS 316
Case Material & Dial Size	: SS 316L,
Mounting	: Direct, 2" Pipe or Surface Mounting
Max. Static Pressure	: 100, 250 & 400 bar
Max. Process Temperature	: 0 ~ 60°C Max
Body Material	: SS 316
Window	: Laminated Safety Glass
Connection	: 1/4" NPT(F), 1/4" BSP (M) , 1/4" NPT (M), 1/2" NPT (M), 1/2 BSP (M) others on request
Pointer	: Micro Pointer Aluminum Black
Dial	: Aluminium, Black Marking on white Background
Over Range Protection	: Upto the Max. Working Pressure
Protection Class	: IP65
Filling Fluid	: Glycerine, Silicone, Others on Request
Mounting	: Direct, Optional 2" Pipe Mounting
Connection Location	: Lower



Model Selection Guide

Description	Coding
Size	1
4" (100 mm)	100
6" (150 mm)	150
Model	2
Double Diaphragm Differential Pressure Gauge	M600
Body Material	3
SS 316 L	SS
Diaphragm Material	4
SS 316 L	SS
Process Connection	5
1/4" NPT (F)	4MN
1/4" BSP (M)	4MB
1/2" NPT (M)	2MN
1/2" BSP (M)	2MB
1/4" NPT (M)	5MN
Case Filling	6
Dry Case	D
Glycerin Filled	G
Silicone	S

Description	Coding
Process Connection Location	7
Bottom	L
Range	8
Refer to Page 3, Chart 1	
Units	9
Refer to Page 3, Chart 1	
Options	10
5 Point Calibration Certificate	CC
316 L Tag Plate	TP
Dual Scale Marking	DS
Colour Banding	CB
Static Pressure 100 bar	100
Static Pressure 250 bar	250
Static Pressure 400 bar	400
Tag Plates wired	TP

Sample Model Selection Code

1	2	3	4	5	6	7	8	9	10			
100	M600	SS	SS	4MN	D	L	0/10	Bar	CC	TP	DS	100

Chart 1 - Range & Units

Differential Pressure Gauge Standard Ranges	
bar	MmWC
0 ~ 0.6	0 ~ 250
0 ~ 1	0 ~ 400
0 ~ 1.6	0 ~ 600
0 ~ 2.5	0 ~ 600
0 ~ 4	0 ~ 1,000
0 ~ 6	0 ~ 1,600
0 ~ 10	0 ~ 2,500
0 ~ 16	0 ~ 4,000
0 ~ 25	

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