

Model M530 Bellows Type DP Gauges



Magwell Model M530 is a Bellows Type Differential Pressure Gauge which is typically used for measuring very low Differential Pressure Ranges. These gauges can withstand a static pressure of 10 times of the range pressure.

Application

- ◆ Oil & gas
- ◆ Chemical Processing
- ◆ Power Generation
- ◆ Food Processing
- ◆ Water Treatment
- ◆ Pharmaceuticals, and more.

Features

- ◆ Stainless Steel Case and wetted Parts
- ◆ Static Pressure of upto 10 time of the Range Pressure
- ◆ Protection Class IP 65
- ◆ Compact Design
- ◆ Can be mounted to the Manifolds directly
- ◆ Optional Accuracy of +1.0% of FS



Model M530

Specifications

Construction	: Open Front SS case with Bayonet Ring
Accuracy	: $\pm 1.6\%$ of FS, Optional $\pm 1.0\%$ of the FS
Ambient Temperature	: -40°C to $+65^{\circ}\text{C}$
Process Temperature	: Max 100°C
Dial Size	: 150 mm
Internals	: SS 316L
Sensing Element	: Twin Bellows
Bellows Material	: SS 316L
Process Connection Material	: SS 316L
Case	: AISI 304 SS, SS316L
Ring	: AISI 304 SS, Bayonet Type
Protection	: IP 65
Dial	: Aluminium, Black Graduation on White Background
Pointer	: Aluminium, Black painted
Window	: Shatter Proof Safety Glass
Pressure Range	: 0.6 ~ 10 bar
Process Connection	: 1/2" NPT (M), 1/4" NPT (M), 1/4" NPT F, 1/2" NPT F, 1/2 BSP M others on request
Process Connection Location	: Bottom
Mounting	: Bottom, Wall Mounting, 2" Pipe Mounting
Optional Accessories	: 3 or 5 valve remote or Direct Mounted Manifolds

Rev-05.01

Ordering Information

Description	Code
Dial Size	1
150 mm	150
Model	2
Bellows Type DP Gauge	M530
Mounting	3
Bottom Connection	BT
90° Lower	9L
Back	BK
Process Connection Size	4
1/2" NPT (M)	4MN
1/4" NPT (M)	2MN
1/2" NPT (F)	2FN
1/4" NPT (F)	4FN
1/2" BSP (M)	2BN
1/4" BSP (M)	4BN
M20x1.5 (M)	M20
Ranges	5
Refer to Chart 1	
Units	6
Specify	
Case Filling	7
Dry Case	D
Glycerin Filled Case	G
Silicone Filled Case	S
Halocarbon Filled Case	H

Description	Code
Options	7
Dual Scale	DS
Material Test Certificate	MT
5 Points Calibration Certificate	CC
SS Tag	TP
Front Panel	FP
Surface Plate	SP
2" Pipe Mounting	PM
Calibration 1% FS	SC

Chart 1

Pressure Gauge Ranges
Kg/cm2
0 ~ 0.6
0 ~ 1
0 ~ 1.6
0 ~ 2.5
0 ~ 4
0 ~ 6
0 ~ 10
Other Scale Ranges, Dual Sales & Compound ranges are available on request

Sample Model Coding

1	2	3	4	5	6	7	8				
150	M530	BT	4FN	0 ~ 1	Bar	D	CC	SP	SC		

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Rev-05.01