

40MM & 50MM SEVERE SERVICE GAUGE

- Copper Alloy Internals
- Glycerine Filled
- Center Back Mount Only

Marsh Instruments Liquid-Filled Gauges are designed to perform in rugged and harsh environmental conditions - especially where pulsation and vibration is a problem. Liquid Filled Gauges offer a significant cushioning and dampening effect, reducing pointer flutter and internal gauge damage. Liquid Filled Gauges feature a ventable top fill plug and can be mounted on a horizontal or vertical plane. The hermetically sealed construction reduces the chance of leaks and makes field filling an easy option.

Typical applications include refineries, chemical, oil & gas, marine and OEM processes.

SPECIFICATIONS

ACCURACY

±2.5% of range across full scale

CASE SIZES

40 or 50 mm diameter

CASE MATERIAL

304 Stainless Steel

CASE STYLE

CB - Center Back mount

TUBE & SOCKET

Copper Alloy tube with nickel plated brass socket

MOVEMENT

Brass

CONNECTION

½ NPT & ¼ NPT

RANGES

15 to 160 psi

DIAL STANDARD

Triple scale psi/BAR/kPa

DIAL COLOR

Black markings on white

POINTER

Aluminum, black painted

WINDOW

Acrylic

FILL MEDIUM

Glycerine Standard

RESTRICTOR

Standard, all ranges

VENT PLUG

Filler/pressure relief plug

TEMPERATURE LIMITS

-4 to 140° F (filled)

WEIGHT

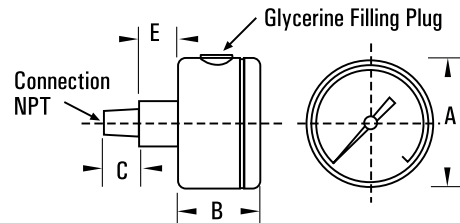
40mm 0.5 lb.
50mm 0.5 lb.

STANDARD RANGES & PART NUMBERS

TYPE	40MM & 50MM GAUGES	
	40mm	50mm
Size	40mm	50mm
Case Material	304 Stainless Steel	304 Stainless Steel
Internals	Copper Alloy	Copper Alloy
Mounting / Case Style	CB	CB
Connection	½ NPT	½ NPT
Scale Standard	psi/BAR/kPa	psi/BAR/kPa
0 to 15 psi	M4040P	M5040P
0 to 30 psi	M4042P	M5042P
0 to 60 psi	M4046P	M5046P
0 to 100 psi	M4048P	M5048P
0 to 160 psi	M4052P	M5052P

40MM AND 50MM GAUGE OPTIONS

OPTION	TYPE	SUFFIX	AVAILABLE ON MODELS
Custom Dials	Custom face	M	See Marsh Price List for minimums
Other Ranges			Consult factory for availability
Fill Medium	Silicone (SL)	I	Consult factory



ALL DIMENSIONS ARE NOMINAL

A-Size	B	C	E
40mm Dia.	27.00mm 1.06"	11.5mm 0.45"	13.00mm 0.51"
50mm Dia.	30.00mm 1.18"	11.5mm 0.45"	10.00mm 0.39"



Mountain Controls



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MARSH®

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I/P and E/P Transducers

BelGAS

Temperature Indicators
Temperature Switches
Capillary Bulb Type

Marshalltown-Tempco



MOORE INDUSTRIES
WORLDWIDE

Process Controllers
Multi-Loop
Process Indicators with Switches



POWERS PROCESS CONTROLS
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Control Valves – Globe Type
Temperature Regulators
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Temperature Controllers



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Electric Actuators
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Mounting to your valves.



SVF
Flow Controls, Inc.

Ball Valves – 3-piece
Pneumatic Actuators
Electric Actuators
Specialty Valves



VALVES

Solenoid Valves
Water – Air – Hot Water – Steam
Pilot Valves



Valve Actuator Mounting

We stock electric actuators and can provide the mounting and testing to the valve of your choice

Mountain Controls

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