

Main Specifications

▼ **Size**
4" , 6"

▼ **Installation type**
Bottom mount (A) /
Bottom mount with back flange
(B) / Back mount (ADC) /
Back mount with front flange
(BDC)

▼ **Window**
PC / Glass

▼ **Pressure connection**
Material: SS304
(Option: SS316)
1/2" NPT male / female thread

▼ **Thread hole pitch**
54mm (standard)
Other length available upon
request

▼ **Differential pressure range**
Min.: 50 kPa
Max.: 5000 kPa

▼ **Applicable fluid**
Non-crystallized or non-
solidified liquid and gas that
compatible with connection's
material

▼ **Ambient temperature**
Normal: -20°C to +60°C
Glycerin filled: +10 to +60°C

▼ **Fluid temperature**
+60°C

▼ **Liquid-filling**
Dry
Glycerin
Silicone oil

▼ **Protection level**
IP54 (option: IP65)

Other Specifications

▼ **Ring**
Stainless steel

▼ **Case**
SS304 (Option: SS316)

▼ **Pointer**
Aluminum with black enamel

▼ **Dial face**
All black scale on whiteboard
Specially designed dial face for
differential gauge

▼ **Measuring elements**
Single diaphragm &
Dual bellows
Material: SS316

▼ **Movement**
Stainless steel dampened
movement

▼ **Accuracy**
Standard: 2.5%
(Option: 1.6%)

▼ **Operating pressure**
Stabilization: 0.75* full scale

▼ **Maximum static pressure**
40 bar

▼ **Other requests (Option)**
Third party notarized
document
Inspection report
Tag
Customized dial face
(scale, color, etc.)
Install diaphragm seal
Install switch contact
Coating
Install armored capillary

All Stainless Steel Differential Pressure Gauge (Single Diaphragm, Dual Bellows Type) Model: MDI-SDDB

Introduction

MDI-SDDB differential pressure gauge measuring elements adopts single diaphragm and dual bellows. MDI-SDDB is suitable for same or different pressure sources measurement in non-crystallized and non-solidified liquid, gas and steam that compatible with connection's material.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Pressure sensor adopts single diaphragm and dual bellows
- Various installation types for selection
- All stainless steel design
- Maximum static pressure 40 bar
- Oil-filling, Install switch contact, install diaphragm seal or capillary are available for various environment application
- Shockproof type available (option)

How to order

MDI-SDDB All Stainless Steel Differential Pressure Gauge (Single Diaphragm, Dual Bellows Type)											
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item	Code	Item
04	Size	04	4"	06	6"	—	—	—	—	—	—
O	Liquid-filling	O	Dry	L	Glycerin	S	Silicone oil	N	Use no oil	—	—
A	Installation type	A	Bottom mount	B	Bottom mount with back flange	ADC	Back mount	BDC	Back mount with flange	—	—
304	Connection material	304	SS304	316	SS316	O	Others	—	—	—	—
4	Thread size	4	1/2"	O	Others	—	—	—	—	—	—
N	Thread spec.	N	NPT	O	Others	—	—	—	—	—	—
M	Thread type	M	Male	F	Female	—	—	—	—	—	—
54	Thread hole pitch	54	54mm	O	Others	—	—	—	—	—	—
Custom	Differential pressure range	0...50 to 5000kPa									

Order example: MDI-SDDB - 04 - O - A - 304 - 4 - N - M - 54 - (0...50 to 2500kPa)