

## BBO-DPG



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### Summary

This gauge has L (low pressure side) and H (high pressure side) in pressure access port. By indicating the differential of pressure (differential pressure) of 2 places, it is able to measure the differential pressure and by using that, able to measure liquid level and flux too.  
 ※Able to check whether the filter has blocked.

### Safety Management

- Be sure to install a protecting device where exist abrupt change of pressure, vibration and pulsation.
- Do not give impact during the transportation, installation and usage.
- Be sure to install pressure gauge to be horizontal and vertical.

### Purpose of Use

- Measuring of differential pressure of air filter
- Application line for differential pressure
- Gas filter, filter line

### Production Specification

- ▶ Diameter
  - 50mm, 80mm, 100mm
- ▶ Accuracy
  - $\pm 2.0\%$  of Full Scale
- ▶ Scale Range
  - 50kPa ~ 400kPa
  - ( $\times 1 \text{ kPa} = 0.01 \text{ bar}$ )
- ▶ Working Pressure
  - Static pressure : 75% of Full Scale
  - Fluctuating pressure : 60% of Full Scale
- ▶ Working Temperature
  - Ambient :  $-10 \sim 60 \text{ }^\circ\text{C}$

### Product Specification

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>+ Case                             <ul style="list-style-type: none"> <li>· STS 304</li> </ul> </li> <li>+ Cover                             <ul style="list-style-type: none"> <li>· Rubber</li> </ul> </li> <li>+ Connection                             <ul style="list-style-type: none"> <li>· Aluminum</li> <li>· PT <math>\leftrightarrow</math> 1/4 (2<math>\times</math>Female)</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>+ Window                             <ul style="list-style-type: none"> <li>· General glass</li> </ul> </li> <li>+ Pointer                             <ul style="list-style-type: none"> <li>· Aluminum</li> <li>· Pointer : Black color</li> </ul> </li> <li>+ Dial                             <ul style="list-style-type: none"> <li>· Aluminum</li> <li>· White coating</li> <li>· Black, red gradations and characters</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>+ Base Pressure                             <ul style="list-style-type: none"> <li>· Aluminum : 2MPa</li> </ul> </li> </ul> |
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Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & RTD

Thermowell

Transmitter

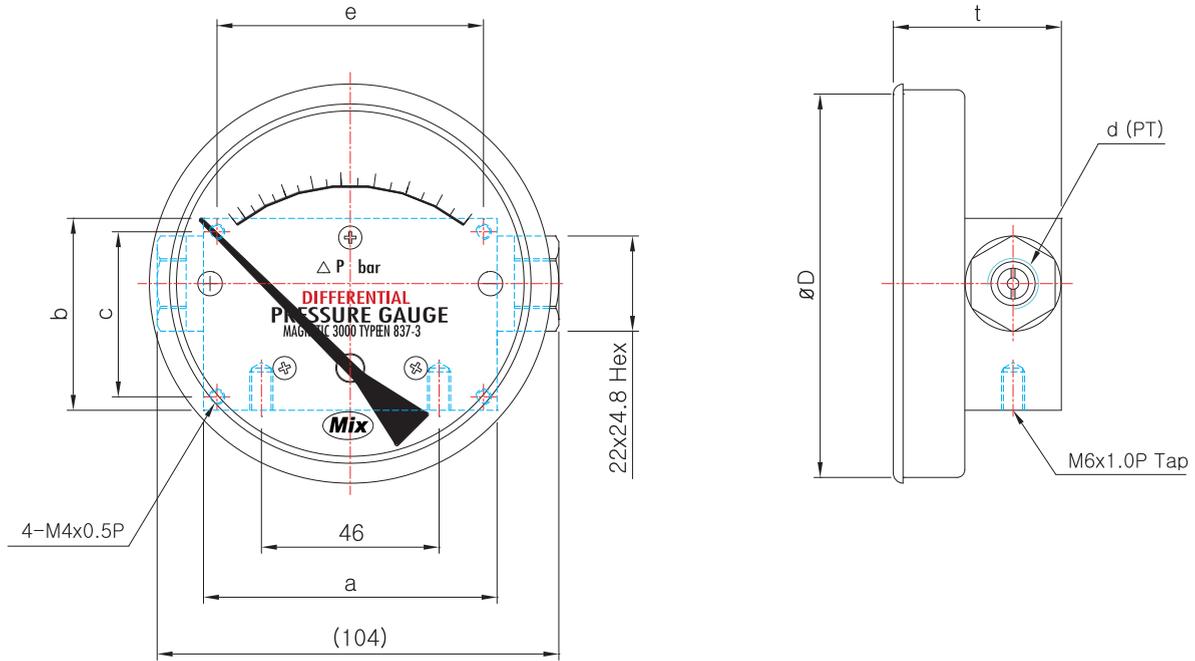
Indicator etc.

Technical data

# Differential Pressure Gauge

## BBO-DPG

Model No. BBO-DPG  
Direct Type



### Dimensions (mm)

Model No.	Conn'n (d)	ØD	a	b	c	e	t
BBO-DP-50	PT 1/4	51	76	50	43	69	(43)
BBO-DP-80		80					
BBO-DP-100		101					

\*( )The measurement in the blanket is approximate.

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