

Differential Pressure Gauge (with Electric Contact)

Model No. **MAGNETIC 3010 Series**

KINS



MAGNETIC 3010

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
 - (※ 1 kPa = 0.01 bar)
- ▶ **Working Pressure**
 - Static pressure : 75% of Full Scale
 - Fluctuating pressure : 60% of Full Scale
- ▶ **Working Temperature**
 - Ambient : $-10 \sim 60$ °C

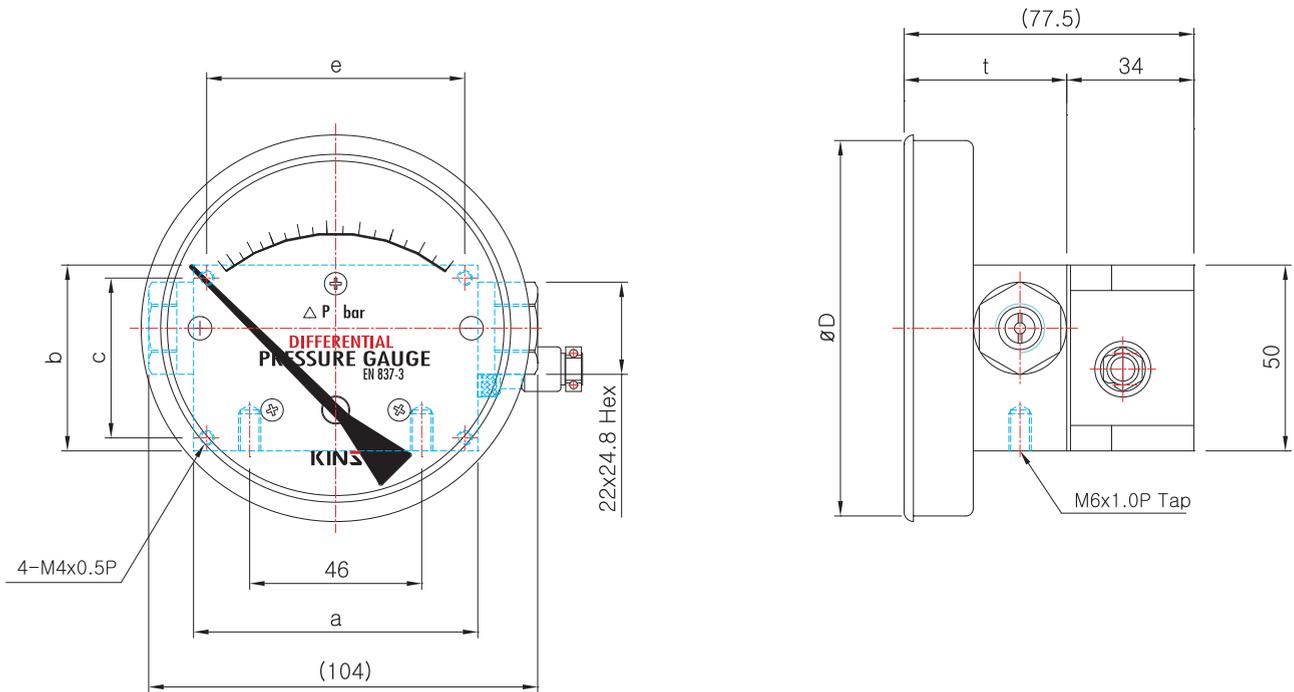
Product Specification

<ul style="list-style-type: none"> + Case <ul style="list-style-type: none"> · STS 304 + Cover <ul style="list-style-type: none"> · Rubber + Connection <ul style="list-style-type: none"> · Aluminum · PT ↔ 1/4 (2×Female) + Window <ul style="list-style-type: none"> · General glass 	<ul style="list-style-type: none"> + Pointer <ul style="list-style-type: none"> · Aluminum · Pointer : Black color + Dial <ul style="list-style-type: none"> · Aluminum · White coating · Black, red gradations and characters + Element <ul style="list-style-type: none"> · Viton 	<ul style="list-style-type: none"> + Base Pressure <ul style="list-style-type: none"> · Aluminum : 2MPa + Contact Form <ul style="list-style-type: none"> · SPST * 1 · High (High 1 contact), Low (Low 1 contact)
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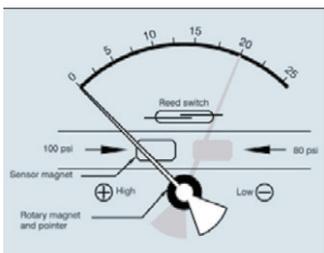
Model No. | **M-3010**
Direct Type



Dimensions (mm)

Model No.	Conn'n (d)	ØD	a	b	c	e	t
M-3010-50	PT 1/4	51	76	50	43	69	(43)
M-3010-80		80					
M-3010-100		101					

*()The measurement in the blanket is approximate.



Switch : Reed switches are located adjacent to the pressure chamber and are activated by the magnetic field. Mount the instrument at least 50 mm away from ferro magnetic surfaces, else calibration may be shifted. Standard instruments are not suitable for oxygen service.

General contact

