

# Pressure Gauge (with Electric Contact)

Model No. **SS-3025~8 Series**

**KINS**

## Ordering Information

SS-3025 x 100mm x 0 ~ 10MPa x 2P x L,H x PF3/8

### Connection :

- PF1/4
- NPT&PT1/4
- PF3/8
- NPT&PT3/8
- PF1/2
- NPT&PT1/2

### Contacts Type :

- L : Low Contact (SPST\*1)
- H : High Contact(SPST\*1)
- L,H : Low & High Contact(SPST \*2)
- L,L : Low & Low Contact(SPST\*2)
- H,H : High & High Contact(SPST\*2)

### Number of Contacts :

- 1P : SPST \*1
- 2P : SPST \*2

### Range :

- 100mm : -0.1 ~ 2 MPa, -0.1 ~ 0MPa, 0 ~ 100MPa
- 150mm : -0.1 ~ 2 MPa, -0.1 ~ 0MPa, 0 ~ 100MPa

### Nominal Diameter & Accuracy :

- 100mm (Accuracy:  $\pm 1.0\%$  of Full Scale)
- 150mm (Accuracy:  $\pm 1.0\%$  of Full Scale)

### Base Model & Mounting Type :

- SS-3025(A:Rimless type) : Bottom Connection, Direct
- SS-3026(B:Surface type) : Bottom Connection, Surface
- SS-3027(D:Flush mounting type) : Lower Back Connection, Direct
- SS-3028(BD:Panel attachment type) : Lower Back Connection, Flush

Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & R.T.D

Thermowell

Transmitter

Indicator etc.

Technical data



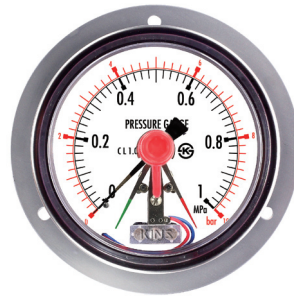
# Pressure Gauge (with Electric Contact)

Model No. **SS-3025~8 Series**

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**SS-3025**



**SS-3028**

## Summary

This gauge has a contact device inside the indicator. Not only indicating of pressure but also it is able to control and report by sending a electric signal in a built-in contact device which was already set up.

## 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

- Various pressure controlling, warning system
- Oil pressure press
- Special fluid line for industrial use, etc.

## Production Specification

- ▶ **Diameter**
  - 100, 150 mm
- ▶ **Accuracy**
  - $\pm 1.0\%$  of Full Scale
- ▶ **Working Pressure**
  - Static pressure : 75% of Full Scale
  - Fluctuating pressure : 60% of Full Scale
- ▶ **Working Temperature**
  - Ambient :  $-20 \sim 65^{\circ}\text{C}$
  - Fluid :  $-20 \sim 80^{\circ}\text{C}$

### ▶ Range

100mm	- 0.1 ~ 2 MPa
150mm	- 0.1 ~ 0 MPa 0 ~ 100 MPa

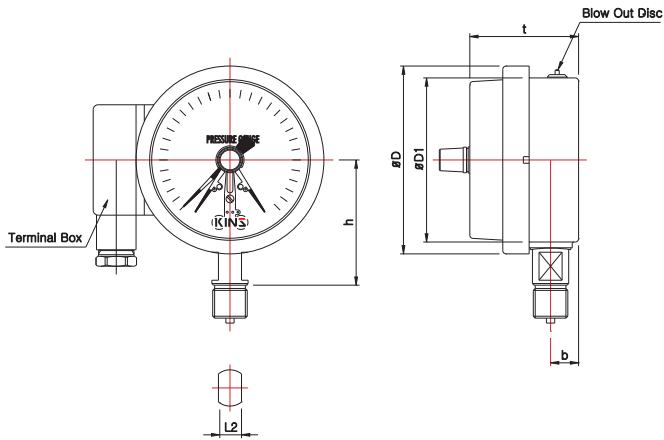
## Product Specification

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"><li>+ <b>Case</b><ul style="list-style-type: none"><li>· STS 304</li></ul></li><li>+ <b>Cover</b><ul style="list-style-type: none"><li>· STS 304</li><li>· Slip-on-Fit</li></ul></li><li>+ <b>Connection</b><ul style="list-style-type: none"><li>· STS 316</li><li>· PF, PT, NPT <math>\leftrightarrow</math> 1/4, 3/8, 1/2</li></ul></li><li>+ <b>Window</b><ul style="list-style-type: none"><li>· Poly Carbonate</li></ul></li><li>+ <b>Type</b><ul style="list-style-type: none"><li>· A-Type (Rimless type)</li><li>· B-Type (Surface type)</li><li>· D-Type (Flush mounting type)</li><li>· BD-Type (Panel attachment type)</li></ul></li></ul> | <ul style="list-style-type: none"><li>+ <b>Pointer</b><ul style="list-style-type: none"><li>· Phosphor bronze</li><li>· Black coating</li><li>· Contact indicator High <math>\leftrightarrow</math> Red</li><li>· Contact indicator Low <math>\leftrightarrow</math> Green</li></ul></li><li>+ <b>Dial</b><ul style="list-style-type: none"><li>· Aluminum</li><li>· White color coating</li><li>· Black (MPa), red (bar) gradations and characters</li></ul></li><li>+ <b>Contact rating</b><ul style="list-style-type: none"><li>· AC 125 0.5A / 250V 0.25A</li><li>· DC 24V 0.25A</li></ul></li><li>+ <b>Movement</b><ul style="list-style-type: none"><li>· STS 304</li></ul></li></ul> | <ul style="list-style-type: none"><li>+ <b>Element</b><ul style="list-style-type: none"><li>· STS 304, STS 316</li><li>· C type bourdon tube, helical type bourdon tube</li></ul></li><li>+ <b>Contact Form</b><ul style="list-style-type: none"><li>· SPST * 1, SPST * 2</li><li>· High, low 2 contact (high or Low, High &amp; High High &amp; Low, Low &amp; Low)</li></ul></li><li>+ <b>Option</b><ul style="list-style-type: none"><li>· Bracket</li><li>· Throttles</li><li>· Accessories</li></ul></li></ul> |
|--|---|---|

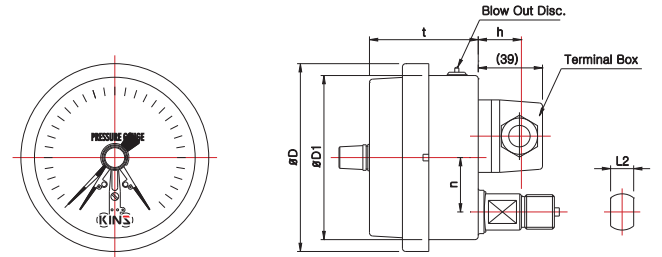
# Pressure Gauge (with Electric Contact)

## Model No. SS-3025~8 Series

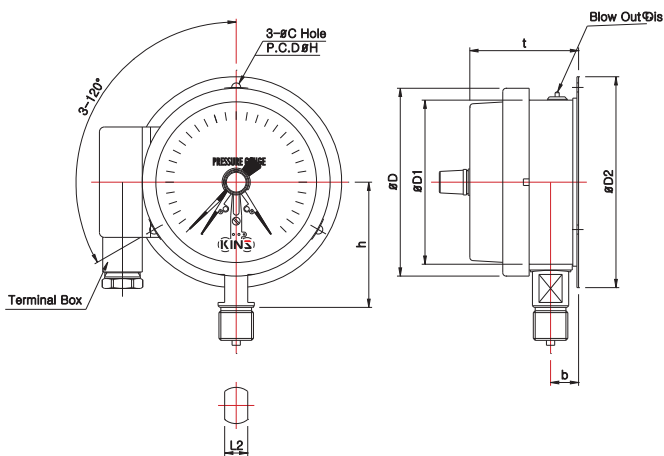
Model No. | SS-3025  
A Type (100, 150mm)



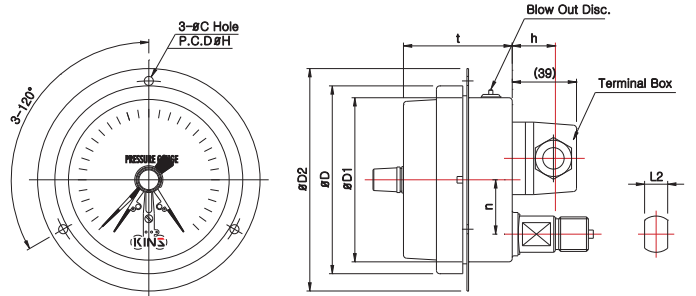
Model No. | SS-3027  
D Type (100, 150mm)



Model No. | SS-3026  
B Type (100, 150mm)



Model No. | SS-3028  
BD Type (100, 150mm)



Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & R.T.D

Thermowell

Transmitter

Indicator etc.

Technical data

## Dimensions (mm)

	Model No.	Conn'n (d)	ØD	ØD1	ØD2	b	n	t	L2	h	ØC	ØH
100mm	SS-3025 & SS-3026	NPT & PT, PF 1/4	114	100	128	17	—	(66)	17	(76)	5.5	115
		NPT & PT, PF 3/8										
		NPT & PT, PF 1/2										
	SS-3027 & SS-3028	NPT & PT, PF 1/4	114	100	128	—	33	(66)	17	(26)	5.5	115
		NPT & PT, PF 3/8										
		NPT & PT, PF 1/2										
150mm	SS-3025 & SS-3026	NPT & PT, PF 1/4	168	152	188	17	—	(66)	22	(100)	5.5	173
		NPT & PT, PF 3/8										
		NPT & PT, PF 1/2										
	SS-3027 & SS-3028	NPT & PT, PF 1/4	168	152	188	—	33	(66)	22	(26)	5.5	173
		NPT & PT, PF 3/8										
		NPT & PT, PF 1/2										

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

Pressure Gauge

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