



Pressure gauge

JINGE
QINGDAO JINGE INSTRUMENT CO., LTD



JG-3010 Series

General Pressure Gauge

Features

- Easy to handle. Rugged Construction
- Precise accuracy measuring range, vibration resistance, shock resistance and other features put Bourdon gauges a step ahead of other type pressure gauges

Applications

- General piping line (Static Pressurized piping, non-corrosive gas piping, steam line and etc.)

Specifications

- ▶ Diameter
 - 40, 50, 60, 75, 100, 150, 200 mm
- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.5 grade	CL 1.5
	3.0 grade	CL 3.0
Mounting Type	Bottom Connection, Direct	A-TYPE
	Bottom Connection, Surface	B-TYPE
	Back Connection, Direct	D-TYPE
	Back Connection, Flush	BD-TYPE

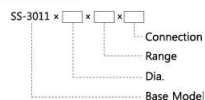
▶ Scale Range / [unit : MPa]

- Ø40, Ø50 : 0~25
- Ø60, Ø75 : -0.1~2, -0.1~0, 0~25
- Ø100 : -0.1~2, -0.1~0, 0~25(100)
- Ø150 : -0.1~2, -0.1~0, 0~100
- Ø200 : 0~10

▶ Material

- Case & Cover : Steel(SPCD), Black Coating
- Bourdon Tube : Brass(C2700T)
- Movement : Brass
- Dial : Aluminum
- Connection : Brass(C3604BE)
- PT, PF ↔ 1/8, 1/4, 3/8, 1/2

Order Code



JG-3020 Series

Special Pressure Gauge

Features

- Stainless steel is used for Bourdon-tube, case and connection (High durability for corrosive pressurized fluids)
- Bourdon-tube and connection are Arc-welded (Corrosive resistance is assured in all parts)

Applications

- Corrosive fluids
- Petrochemical plants and etc.
- Pure fluids (no contamination any particle of solid or high viscosity)

Specifications

- ▶ Diameter
 - 40, 50, 60, 75, 100, 150, 200 mm
- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.0 grade	CL 1.0
	1.5 grade	CL 1.5
	3.0 grade	CL 3.0
Mounting Type	Bottom Connection, Direct	A-TYPE
	Bottom Connection, Surface	B-TYPE
	Back Connection, Direct	D-TYPE
	Back Connection, Flush	BD-TYPE

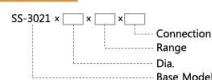
▶ Scale Range / [unit : MPa]

- Ø40, Ø50 : 0~25
- Ø60, Ø75 : -0.1~2, -0.1~0, 0~25
- Ø100, Ø150 : -0.1~2, -0.1~0, 0~200
- Ø200 : -0.1~2, -0.1~0, 0~35

▶ Material

- Case & Cover : STS 304
- Bourdon Tube : STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT(NPT), PF ↔ 1/8, 1/4, 3/8, 1/2
- UNF 7/16

Order Code



JD-3020 Series

Euro Pressure Gauge(DIN)

Features

- Stainless steel is used for Bourdon-tube, case and connection (High durability for corrosive pressurized fluids)
- Bourdon-tube and connection are Arc-welded (Corrosive resistance is assured in all parts)
- DIN standard is applied

Applications

- Power Plants (Thermal power plants, hydraulic power plant and nuclear power plant)
- Petrochemical plants, ship, food industry and etc.
- Pure fluids (no contain any particle of solid or high viscosity)

Specifications

- ▶ Diameter
 - 63, 80, 100, 160 mm
- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.0 grade	CL 1.0
	Bottom Connection, Direct	A-TYPE
Mounting Type	Bottom Connection, Surface	B-TYPE
	Back Connection, Direct	D-TYPE
	Back Connection, Flush	BD-TYPE
	Back Connection, Flush	BD-TYPE

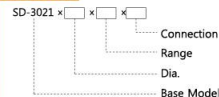
▶ Scale Range / [unit : MPa]

- Ø63, Ø80 : -0.1~2, -0.1~0, 0~25
- Ø100, Ø160 : -0.1~2, -0.1~0, 0~200

▶ Material

- Case & Cover : STS 304
- Bourdon Tube : STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT(NPT), PF ↔ 1/8, 1/4, 3/8, 1/2
- UNF 7/16

Order Code



JF-3020 Series

Solid Front Safety Pressure Gauge

Features

- Enhanced Front durability (High Safety)
- Stainless steel is used for Bourdon-tube, case and connection (High durability for corrosive pressurized fluids)

Applications

- Power Plants (Thermal power plants, hydraulic power plant and nuclear power plant)
- Petrochemical plants, ship, food industry and etc.
- Pure fluids (no contain any particle of solid or high viscosity)

Specifications

- ▶ Diameter
 - 100, 125, 160 mm
- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	0.5 grade	CL 0.5
	1.0 grade	CL 1.0
Mounting Type	Bottom Connection, Direct	A-TYPE
	Bottom Connection, Surface	B-TYPE

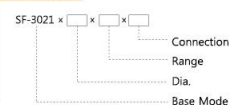
▶ Scale Range / [unit : MPa]

- Ø100, Ø160 : -0.1~2 to -0.1~0 to 0~200
- Ø125 : -0.1~2 to -0.1~0 to 0~100

▶ Material

- Case & Cover : STS 304, Phenolic Resin(Ø100)
- Bourdon Tube : STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT(NPT), PF ↔ 3/8, 1/2

Order Code



JG-3025~8 Series

Pressure Gauge with Electric Contact

Features

- Generate electric signal of setting pressure for local reading

Applications

- Pressure control, alarm system
- Oil-hydraulic press
- Industrial special fluid line

Specifications

- ▶ Diameter
 - 100, 150 mm
- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.0 grade	CL 1.0
	Bottom Connection, Direct	A-TYPE
Mounting Type	Bottom Connection, Surface	B-TYPE
	Back Connection, Direct	D-TYPE
	Back Connection, Flush	BD-TYPE
	Back Connection, Flush	BD-TYPE

▶ Scale Range / [unit : MPa]

- Ø100, Ø150 : -0.1~2 to -0.1~0 to 0~100

▶ Material

- Case & Cover : STS 304
- Bourdon Tube : STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT(NPT), PF ↔ 1/4, 3/8, 1/2

- ▶ Rated Voltage and current of Contact
- AC 110V 0.5A / 220V 0.25A

▶ Contact from

- SPST*1, SPST*2
- High, Low, High/Low 2-contact (High or Low, High & High, Low & Low & Low)

Connection Diagram

- Terminal Type
- Connector Type



JG-3030 Series

Diaphragm Seal Type Pressure Gauge

Features

- Suitable for easy freezing fluid (Where the process medium might freeze or solidify in the instrument connection and pressure sensing element due to ambient or process temperature change.)

Applications

- Petrochemical fluid and corrosive fluid
- Powder containing fluid (cement manufacturing line, paper manufacturing line and etc.)
- High temperature/viscosity fluid and Industrial special fluid line

Specifications

- ▶ Accuracy & Mounting Type

Item	Classification		Mark
Accuracy	1.0 grade		CL 1.0
	1.5 grade		CL 1.5
Mounting Type	Direct connection type	Screw-type	SS-3031, 305
		Flange-type(2step)	SS-3032, 305
		Flange-type(3step)	SS-3033
	Capillary type	Screw-type	SS-3034
		Flange-type(2step)	SS-3035
		Connection Method	SS-3036

▶ Scale Range / [unit : MPa]

- SS-3031/4 : -0.1~2 to -0.1~0 to 0~35
- SS-3032/5 : -0.1~2 to -0.1~0 to 0~10
- SS-3033/6 : -0.1~2 to -0.1~0 to 0~10

▶ Material

- Case & Cover : STS 304
- Bourdon Tube : STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Upper Flange : STS 304, STS 316
- Under Flange : STS 304, STS 316
- Diaphragm : STS 304, STS 316, Titanium, Tantalum, Teflon(Lining, Coating), Hastelloy, etc.
- Connection : STS 316

Order Code



Pressure Gauge



Pressure gauge

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Patent No. 10-2002-0004393



JG-3037 Series

Ring Diaphragm Type Pressure Gauge

Features

- High durability for corrosion and heat
- Pressure measurement of fluid in conduit

Applications

- Oil Pressurized line
- Chemical line
- Power plant
- Sanitary line
- Wastewater line
- pulp and paper manufacturing line

Specifications

- ▶ Diameter
- 100, 150 mm

Accuracy & Mounting Type

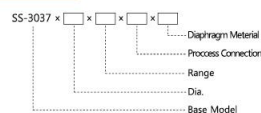
Item	Classification	Mark
Accuracy	1.0 grade	CL 1.0

- ▶ Scale Range / [unit : MPa]
- -0.1~0 to -0.1~2 to 0~2

Material

- Case & Cover : STS 304
- Bourdon Tube : STS 304
- Movement : STS 304
- Dial : Aluminum
- Body Flange : STS 304, STS 316
- Side Flange : STS 304, STS 316, C-PVC
- Diaphragm : Viton
- Connection : STS 316

Order Code



JG-3040 Series

Diaphragm Seal Pressure Gauge for Temp.

Features

- Suitable for melting fluid or high viscosity fluid
- Pressure measurement of fluid in conduit

Applications

- High temperature, High viscosity, High pressure
- Extruder
- Chemical industry

Specifications

- ▶ Diameter
- 100, 150 mm

Accuracy & Mounting Type

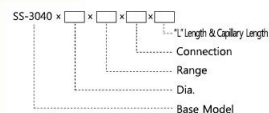
Item	Classification	Mark
Accuracy	1.0 grade	CL 1.0
	1.5 grade	CL 1.5
Mounting Type	Direct connection Type	018×PF3/4 SS-3043
	Capillary Type	023.6×PF3 SS-3044
		018×PF3/4 SS-3047
		023.6×PF3 SS-3048

- ▶ Scale Range / [unit : MPa]
- 0~100

Material

- Case & Cover : STS 304
- Movement : STS 304
- Dial : Aluminum
- Diaphragm : STS 316
- Mounting Bolt : SM45C (heat treatment)
- Connection : STS 316

Order Code



JG-3050 Series

General Low Pressure Gauge

Features

- Suitable for low pressure (Chamber type element)

Applications

- Low pressure measurement
- Level measurement of tank
- Gas conduit

Specifications

- ▶ Diameter
- 75, 100 mm

Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.5 grade	CL 1.5
Mounting Type	Bottom Connection Direct	A-TYPE
	Bottom Connection Surface	B-TYPE
	Back Connection Direct	D-TYPE
	Back Connection Flush	BD-TYPE

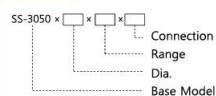
- ▶ Scale Range / [unit : kPa]

- -30~0 to -5~-5 to -10~-10 to 0~50

Material

- Case & Cover : SS-3051, 3052 Steel (SPCD) (Pitting)
- Chamber : Phosphor Bronze
- Movement : Brass
- Dial : Aluminum
- Connection : Brass (C3604BE), STS 304
- PT(NPT), PF ↔ 1/4, 3/8, 1/2

Order Code



JG-3050S Series

Special Low Pressure Gauge

Features

- Suitable for low pressure (Chamber type element)
- Durable for corrosion

Applications

- Low pressure measurement
- level measurement of tank
- Gas conduit

Specifications

- ▶ Diameter
- 75, 100, 150 mm

Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.5 grade	CL 1.5
Mounting Type	Bottom Connection Direct	A-TYPE
	Bottom Connection Surface	B-TYPE
	Back Connection Direct	D-TYPE
	Back Connection Flush	BD-TYPE

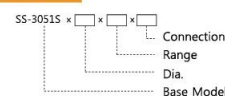
- ▶ Scale Range / [unit : kPa]

- Ø75 : -5(-30)~0, -5(-10)~5(10), 0~50
- Ø100 : -2(-50)~0, -1(-20)~1(20), 0~50
- Ø125 : -0.5(-50)~0, -0.5(-20)~0.5(20), 0~50

Material

- Case & Cover : STS 304
- Chamber : STS 304, STS 316
- Movement : Brass
- Dial : Aluminum
- Connection : STS 316
- PT(NPT), PF ↔ 1/4, 3/8, 1/2

Order Code



JG-3055/6 Series

Diaphragm Type Low Pressure Gauge

Features

- Suitable for easy freezing fluid
- Suitable for low pressure (Chamber type element)
- Durable for corrosion

Applications

- Low pressure measurement of slurry in wastewater disposal line
- Low pressure measurement of gas in incinerator and other bad condition line

Specifications

- ▶ Diameter
- 100, 150

Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.5 grade	CL 1.5
Mounting Type	Screw-type	SS-3055
	Flange-type(3step)	SS-3056

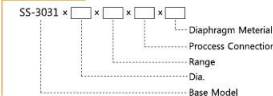
- ▶ Scale Range / [unit : kPa]

- SS-3055 : -2(-35)~0, -1(1)~20(20), 0~35
- SS-3056 : -2(-35)~0, -1(1)~20(20), 0~35

Material

- Case & Cover : STS 304
- Movement : Brass
- Dial : Aluminum
- Upper Flange : STS 304, STS 316
- Under Flange : STS 304, STS 316
- Diaphragm : STS 304, STS 316, Titanium, Tantalum, Teflon(Lining, Coating), Hastelloy, etc.
- Connection : STS 316
- PT(NPT), PF ↔ 3/8, 1/2

Order Code



JG-3060 Series

Pressure Gauge with Electric Contact

Features

- Generate electric signal of setting pressure for local reading

Applications

- Pressure control, alarm system
- Oil-hydraulic press
- Industrial special fluid line

Specifications

- ▶ Diameter
- 100, 150

Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	Indicating 1.5 grade	CL 1.5
	Setting 3.0 grade	CL 3.0
Mounting Type	Bottom Connection Surface	B-TYPE
	Back Connection Flush	BD-TYPE

- ▶ Scale Range / [unit : MPa]
- -0.1~2, -0.1~0, 0~35

Material

- Case & Cover : Aluminum (powder coating)
- Bourdon Tube : STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT(NPT), PF ↔ 3/8, 1/2

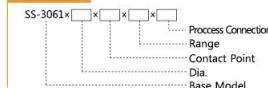
Rated Voltage and current of Contact

- AC 110V 5A / 220V 3A

Contact form

- Micro Contact Type
- SPDT*1, SPDT*2, DPDT*1
- (High, Low, High & High, High & Low, Low & Low)

Order Code



Pressure Gauge



Pressure gauge

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JG-3130 Series

Sanitary Pressure Gauge

Features

- Suitable for easy freezing fluid or powder included fluid
- High durability for corrosion

Applications

- Food manufacturing line
- High temperature, viscosity and pressure fluid line

Specifications

- ▶ Diameter
- 100 mm

- ▶ Accuracy

Item	Classification	Mark
Accuracy	1.0 grade	CL 1.0

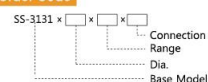
- ▶ Mounting Type & Range Scale

Mounting Type	Model	Range Scale (unit : MPa)
Heat radiation type	SS-3131	-0.1~0.1 to 2, 0~0.1 to 70
I type	SS-3132	0~15 to 70
Micro Mounting type	SS-3133	-0.1~0.1 to 2, 0~0.1 to 50
Flange Mounting type	SS-3134	-0.1~0.3 to 2, 0~0.1 to 10
Female screw type	SS-3135	-0.1~0.1 to 2, 0~0.1 to 10
Jig type	SS-3136	0~15 to 70
Clamp type	SS-3137	-0.1~0.3 to 2, 0~0.1 to 3.5
Micro screw type	SS-3138	-0.1~0.1 to 2, 0~0.1 to 10
Flange type	SS-3139	-0.1~0.3 to 2, 0~0.1 to 10

- ▶ Material

- Case & Cover : STS 304
- Bourdon Tube : STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Flange : STS 304, STS 316
- Connection : STS 316
- Diaphragm : STS 304, STS 316, Titanium, Tantalum, Hastelloy, Etc.

Order Code



Patent No. 20-0435022



JG-3301 Series

Differential Pressure Gauge (with Contact)

Features

- Measurement of difference between high and low pressures

Applications

- Measurement of difference between high and low pressures through an orifice line
- Measurement of liquid level in hermetically sealed tank
- Differential pressure application line

Specifications

- ▶ Diameter
- 100, 150 mm

- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.5 gared	CL 1.5
Mounting Type	Bracket for 2B Pipe Type	

- ▶ Scale Range

- 0~5kPa to 0~50kPa
- 0~0.1MPa to 0~1MPa

- ▶ Material

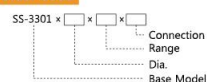
- Case & Cover : STS 304
- Bellows : Brass & STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT ↔ 1/4 (Female)

- ▶ Max. Pressure

- 50 bar

- ▶ Rated Voltage and current of Contact
- AC 110V 0.5A / 220V 0.25A

Order Code



Patent No. 20-0435022



JD-3302 Series

Differential Pressure Gauge

Features

- Measurement of difference between high and low pressures

Applications

- Measurement of difference between high and low pressures through an orifice line
- Measurement of liquid level in hermetically sealed tank
- Differential pressure application line

Specifications

- ▶ Diameter
- 100, 150 mm

- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	1.5 gared	CL 1.5
Mounting Type	Bracket for 2B Pipe Type	

- ▶ Scale Range

- 0~5kPa to 0~50kPa
- 0~0.1MPa to 0~1MPa

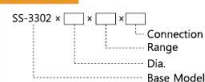
- ▶ Material

- Case & Cover : STS 304
- Bellows : Brass & STS 304, STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT ↔ 1/4 (Female)

- ▶ Max. Pressure

- 50 bar

Order Code



JDG-17 Series

Differential Pressure Gauge with Contact

Features

- Measurement of difference between high and low pressures
- Suitable for corrosive fluid and high pressure fluid

Applications

- Indicating, warning and control of tank level
- Indicating, warning or control by using of an orifice line
- Indicating, warning or control of pressure between both sides of filter

Specifications

- ▶ Diameter
- 150 mm

- ▶ Accuracy

Item	Classification	Mark
Accuracy	1.5 grade	CL 1.5

- ▶ Scale Range / [unit : MPa]

- 0~5 to 50kPa,
- 0~0.1 to 1

- ▶ Material

- Case & Cover : Aluminum (Powder coating)
- Element : STS 316
- Movement : STS 304
- Dial : Aluminum
- Connection : STS 316
- PT ↔ 1/4 (Female)

- ▶ Rated Voltage and current of Contact

- AC 110V 5A / 220V 15A

- ▶ Contact from

- Micro Contact Type
- SPDT*1, SPDT*2
- (High, Low, High & High, High & Low, Low & Low)

- ▶ Max. Pressure
- 50 bar

Connection Diagram



Patent No. 0291603



MAGNEIC 2000 Series

Differential Pressure Gauge

Features

- Measurement of difference between high and low pressures

Applications

- Measurement of differential pressure between both sides of air filter
- Differential pressure application line

Specifications

- ▶ Diameter
- 100 mm

- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0
Mounting Type	Back Connection, Flush	BD-TYPE

- ▶ Scale Range / [unit : kPa]

- -0.1 to -10 ~ 0.1 to 10, 0~0.2 to 50

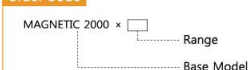
- ▶ Material

- Case & Cover : Aluminum (Powder coating)
- Element : Silicon Rubber, Butile Rubber
- Dial : Aluminum
- Connection : PT 1/8 (Female)

- ▶ Max. Pressure

- 10 bar

Order Code



MAGNEIC 2010 Series

Differential Pressure Gauge with Switch

Features

- Measurement of difference between high and low pressures
- According to included electric contact signal, generate warning sign (buzzer, bell, Pilot-lamp)

Applications

- Indicating, warning or control of pressure between both sides of air filter (Dust collector and etc.)
- Indicating, warning or control of differential pressure application line
- Indicating, warning or control of extremely low pressure, vacuum or compound pressure line

Specifications

- ▶ Diameter
- 100 mm

- ▶ Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0
Mounting Type	Back Connection, Flush	BD-TYPE

- ▶ Scale Range / [unit : kPa]

- -0.1 to -10 ~ 0.1 to 10, 0~0.2 to 50

- ▶ Material

- Case & Cover : Aluminum (Powder coating)
- Element : Silicon Rubber, Butile Rubber
- Dial : Aluminum
- Connection : PT 1/8 (Female)

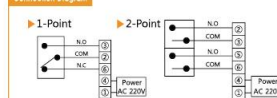
- ▶ Max. Pressure

- 10 bar

- ▶ Switch

- Type : 2-SPDT (2-Contact point)
- Volume : 220V AC 10A
- Setting method : External
- DEAD BAND : under 3% of full scale

Connection Diagram

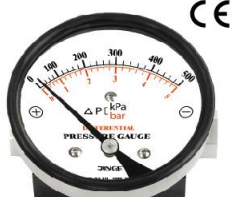


Pressure Gauge



Pressure gauge

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MAGNEIC 3000 Series

Differential Pressure Gauge

Features

- Measurement of difference between high and low pressures

Applications

- Measurement of differential pressure between both sides of air filter
- Differential pressure application line
- Filter of gas line, Filtering line
- ※ Checking whether the filter is stopped up or not

Specifications

- ▶ Diameter
 - 50, 75, 100 mm

Accuracy

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0

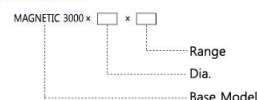
- ▶ Scale Range / [unit : kPa]
 - 0~50 to 1000

Material

- Case : STS 304
- Cover : Rubber
- Dial : Aluminum
- Element : Viton
- Connection : Aluminum
- PT ↔ 2-1/4 (Female)

- ▶ Max. Pressure
 - Aluminum : 20 MPa
 - STS 316 : 40 MPa

Order Code



MAGNEIC 3010 Series

Differential Pressure Gauge with Electric Contact

Features

- Measurement of difference between high and low pressures
- Generate electric signal of setting pressure for local reading

Applications

- Measurement of differential pressure between both sides of air filter
- Differential pressure application line
- Filter of gas line, Filtering line
- ※ Checking whether the filter is stopped up or not

Specifications

- ▶ Diameter
 - 50, 75, 100 mm

Accuracy

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0

- ▶ Scale Range / [unit : kPa]
 - 0~50 to 1000

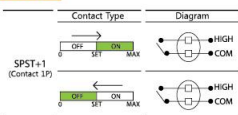
Material

- Case : STS 304
- Cover : Rubber
- Dial : Aluminum
- Element : Viton
- Connection : Aluminum
- PT ↔ 2-1/4 (Female)

- ▶ Max. Pressure
 - Aluminum : 20 MPa

- ▶ Contact From
 - SPST*1
 - High(L contact of upper limit), Low(L contact of lower limit)

Connection Diagram



MAGNEIC 50 Series

Small Differential Pressure Gauge

Features

- Measurement of difference between high and low pressures
- Small size gauge

Applications

- Measurement of differential pressure between both sides of air filter
- Differential pressure application line

Specifications

- ▶ Diameter
 - 50 mm

Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	5.0 grade	CL 5.0
Mounting Type	Back Connection, Flush	BD-TYPE

- ▶ Scale Range / [unit : kPa]
 - 0~0.5 to 50

Material

- Case & Cover : Mineral and Glass Filled Nylon
- Element : Silicon Rubber, Butile Rubber
- Dial : Aluminum
- Connection : ID Ø5 Tube (Barbed Fitting)

- ▶ Max. Pressure
 - 0.2 MPa

Order Code



JCQ-21 Series

Pressure Switch

Features

- Suitable for control of amount, pressure or level of fluid
- Good durability for impact and vibration

Applications

- Measurement of amount of fluid
- Application line of differential pressure

Specifications

- ▶ Size (L×W×T)
 - 165mm × 130mm × 60mm

Accuracy

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0

Scale Range / [unit : MPa]

- -0.1~0.1 to 2, -0.1~0, 0~0.1 to 35
- 0 ~ 50 (kPa)

Material

- Case & Cover : Aluminum (Powder coating)
- Element : STS 304, STS 316
- Connection : STS 316
- PF, PT, NPT ↔ 3/8, 1/2

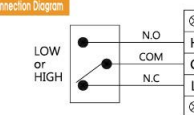
- ▶ Rated Voltage and current of Contact
 - AC 110V / 220V 5A

Contact From

- Micro Contact Type
- SPDT*1 (High or Low)

- ▶ Type
 - Surface Type

Connection Diagram



JCQ-30 Series

Pressure Switch

Features

- Suitable for control of amount, pressure or level of fluid
- Good durability for impact and vibration

Applications

- Control or warning system of fluid
- Oil-hydraulic press, electric generator, petrochemical line
- Special fluid line in industry

Specifications

- ▶ Size (L×W×T)
 - 124mm × 127mm × 64mm

Accuracy

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0

Scale Range / [unit : MPa]

- -0.1~0.1 to 2, -0.1~0, 0~0.1 to 35
- 0 ~ 50 (kPa)

Material

- Case & Cover : Aluminum (Powder coating)
- Element : STS 304, STS 316
- Connection : STS 316
- PF, PT, NPT ↔ 3/8, 1/2

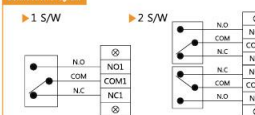
- ▶ Rated Voltage and current of Contact
 - AC 110V / 220V 15A

Contact From

- Micro Contact Type
- SPDT*1, SPDP*2, DPDT*1 (High, Low, High & High, High & Low, Low & Low)

- ▶ Type
 - Surface Type

Connection Diagram



Patent No. 20-2003-0016468



JCQ-2020 Series

Pressure Switch

Features

- Suitable for control of amount, pressure or level of fluid
- Good durability for impact and vibration

Applications

- Control or warning system of fluid
- Oil-hydraulic press, electric generator, petrochemical line
- Special fluid line in industry

Specifications

- ▶ Size (L×W×T)
 - 115mm × 90mm × 74mm

Accuracy

Item	Classification	Mark
Accuracy	1.5 grade	CL 1.5

Scale Range / [unit : MPa]

- -0.1 ~ 0.2 to 1.5

Material

- Case & Cover : Steel (SS41, Liquid Painting)
- Element : Brass
- Connection : Brass(C3604BE, Cr-Plating)
- PT ↔ 3/8

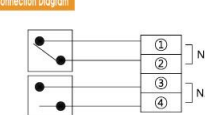
- ▶ Rated Voltage and current of Contact
 - AC 110V 12A / 220V 10A

Contact From

- Micro Contact Type
- SPDT*1 (High or Low)

- ▶ Type
 - Surface Type

Connection Diagram



Pressure Gauge

<http://www.qdjinge.com> :: 18



Thermometer gauge



JG-4030 Series

Liquid Filled Type Thermometer

Applications

- Boiler, dyeing machine
- Petrochemical plant, ship
- Measurement of inner side temperature of tank
- LPG/LNG Line

Specifications

- ▶ Diameter
- 100, 150 mm

Accuracy & Mounting Type

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0
Mounting Type	I-TYPE	
	T-TYPE	

- ▶ Scale Range
- -30°C ~ 650°C

Material

- Case & Cover : STS 304
- Dial : Aluminum
- Stem : STS 304, STS 316 / Union Type
- Connection : STS 304, STS 316
- PF, PT, NPT ↔ 1/2

Order Code

SS-4031×□×□×□×□

Connection
Stem Dia. & Length
Range
Dia.
Base Model



JG-4060 Series

Bimetal Thermometer

Applications

- Boiler pipe and etc.
- Petrochemical plant, ship and other plants
- Sanitation line (Food manufacturing line and etc.)

Specifications

- ▶ Diameter
- 75, 100, 125, 150 mm

Accuracy

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0

Model Type

Dia.	Model	Type
75	SS-4061	T - type
	SS-4063	L - type
100	SS-4062	T - type
	SS-4064	L - type
125	SS-4065	T - type
	SS-4067	L - type
	SS-4066	T - type
	SS-4068	L - type

- ▶ Scale Range
- -30°C ~ 600°C

Material

- Case & Cover : STS 304
- Dial : Aluminum
- Stem : STS 304, STS 316
- Connection : STS 304
- PT, PF, NPT ↔ 1/4, 3/8, 1/2, 1"

Order Code

SS-4061×□×□×□×□

Connection
Stem Dia. & Length
Range
Dia.
Base Model



JG-4070 Series

Angle Type Special Thermometer

Applications

- When the rotation of gauge is needed
- Petrochemical plant, food manufacturing line
- Boiler

Specifications

- ▶ Diameter
- 100, 125, 150 mm

Accuracy

Item	Classification	Mark
Accuracy	2.0 grade	CL 2.0

- ▶ Scale Range
- -30°C ~ 500°C

Material

- Case & Cover : STS 304
- Dial : Aluminum
- Stem : STS 304, STS 316
- Connection : STS 304
- PT, PF, NPT ↔ 1/2, 3/4, 1"

Order Code

SS-4061×□×□×□×□

Connection
Stem Dia. & Length
Range
Dia.
Base Model

JINGE
QINGDAO JINGE INSTRUMENTS CO., LTD

Thermocouple R.T.D