

Electric Contact Pressure Gauges (801P(H), 802P(L), 803P(H&L), 804P(H&HH) & 805P(L&LL) Series)

Applications

- Corrosion resistance
- Pumps, compressors and regulators
- Refining & marine industry
- Control and regulation of industrial processes
- Monitoring of plants and switching of electric circuits
- Indication of limit values

Working Pressure

Steady : 3/4 of full scale value(recommendation : 25% to 75% of full scale)

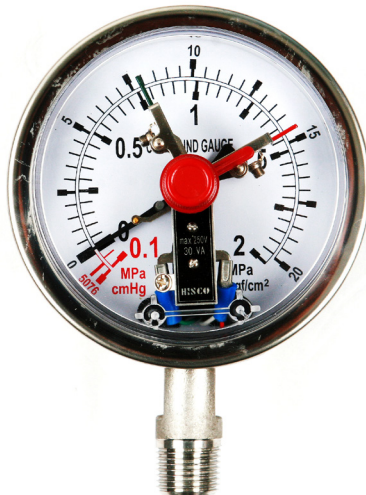
Fluctuating : 2/3 of full scale value(recommendation : lower 50% of full scale)

Short time : 130% of full scale value(over range protection)

Operating Temperature

Ambient : -20 ~ 60°C

Media(Fluid) : -20 ~ 80°C



Standard Specification Overview

Dial Size

100mm(4"), 150mm(6")

Reference Accuracy

100mm & 150mm : $\pm 1.5\%$ of Full Scale

Scale Ranges *

100mm & 150mm : Vacuum, Compound & 0 ~ 100 MPa

* For more information, see the ordering information table.

Pressure Connection

100mm(4") : PT("R" in ISO) 3/8"

150mm(6") : PT("R" in ISO) 1/2"

Electric Contacts

Contact Rating : 0.5A at 110V AC, 0.25A at 200V AC

Dielectric Strength : AC 1000A / Min

Material

Case : 304 SS

Cover(Ring) : 304 SS

Window : Arcylic Molding

Pointer : Aluminum Alloy, Black Finished

Connection : 316 SS

Element : 316 SS

Movement : 304 SS

Dial Plate : White Aluminum with Black Graduations

Degree of Protection

IP 54

Optional Extra

Code T1 : Test Report by Manufacturer

Code T2 : Test Report by KOLAS(ILAC-MRA)

Ordering Information for 801P Series

Model	Descriptions	Case & Cover	Wetted Parts	Contact Location				
801P	Electric Contact Pressure Gauges	304 SS	316 SS	One High Contact Point(H)				
802P	Electric Contact Pressure Gauges	304 SS	316 SS	One Low Contact Point(L)				
803P	Electric Contact Pressure Gauges	304 SS	316 SS	Two Contact Points(H & L)				
804P	Electric Contact Pressure Gauges	304 SS	316 SS	Two Contact Points(H & HH)				
805P	Electric Contact Pressure Gauges	304 SS	316 SS	Two Contact Points(L & LL)				
Code	Dial Size	Accuracy		801P	802P	803P	804P	805P
40	100mm(4")	± 1.5% of F.S.		■	■	■	■	■
60	150mm(6")	± 1.5% of F.S.		■	■	■	■	■
Code	Mounting Type						40	60
A	Bottom Connection without Mounting Flange						■	■
B	Bottom Connection with Back Mounting Flange						■	■
L	Lower Back Connection without Mounting Flange						■	■
J	Lower Back Connection with 3-hole Front Mounting Flange						■	■
Code	Process Connection Style						40	60
2	PT("R" in ISO Standard)						■	■
3	PF("G" in ISO Standard)						★	★
4	NPT						★	★
X ⁽¹⁾	Others						☎	☎
Code	Process Connection Size						40	60
D	3/8"						■	★
F	1/2"						★	■
Code	Pressure Range						40	60
001	-0.1 ~ 0 MPa						■	■
002	-0.1 ~ 0.1 MPa						■	■
003	-0.1 ~ 0.2 MPa						■	■
004	-0.1 ~ 0.3 MPa						■	■
005	-0.1 ~ 0.4 MPa						■	■
006	-0.1 ~ 0.6 MPa						■	■
007	-0.1 ~ 1 MPa						■	■
008	-0.1 ~ 1.5 MPa						■	■
009	-0.1 ~ 2 MPa						■	■
111	0 ~ 0.05 MPa						■	■
112	0 ~ 0.1 MPa						■	■
113	0 ~ 0.2 MPa						■	■
114	0 ~ 0.3 MPa						■	■
115	0 ~ 0.4 MPa						■	■
116	0 ~ 0.6 MPa						■	■
118	0 ~ 1 MPa						■	■
119	0 ~ 1.5 MPa						■	■
120	0 ~ 2 MPa						■	■
121	0 ~ 2.5 MPa						■	■
122	0 ~ 3.5 MPa						■	■
124	0 ~ 5 MPa						■	■

126	0 ~ 7 MPa	■	■
127	0 ~ 10 MPa	■	■
128	0 ~ 15 MPa	■	■
129	0 ~ 25 MPa	■	■
130	0 ~ 35 MPa	■	■
132	0 ~ 50 MPa	■	■
134	0 ~ 70 MPa	■	■

* MPa(SI Unit) is the standard dial scale but others are available upon request.

Code	Applicable Accessory Options ⁽²⁾
J0	Not Apply
J1	Adapter
J2	Gauge Unions
J3	Syphon Tubes
J4	Pulsation Dampeners
J5	Pressure Snubber
J6	Flushing Ring
J7	Gauge Savers(Gauge Protectors)
J8	Instrument Valves

Code	Options	40	60
Test Reports			
T1	Test Report by Manufacturer	★	★
T2	Test Report by KOLAS(ILAC-MRA)	★	★

Sample Model Selection : 801P40A2D001J0

Note 1. Other connection styles are available on request.

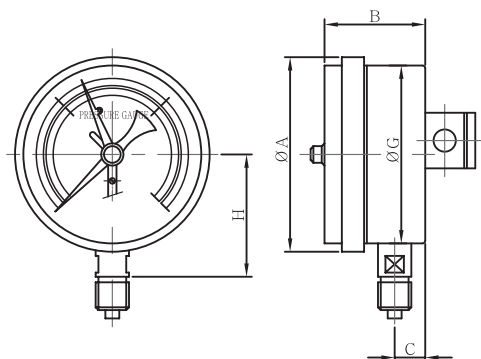
Note 2. On selecting of accessory option, excluding J0, go to Accessory Model(PA XXX) for the detail selection.

■ = Standard Products ★ = Available NA = Not Available

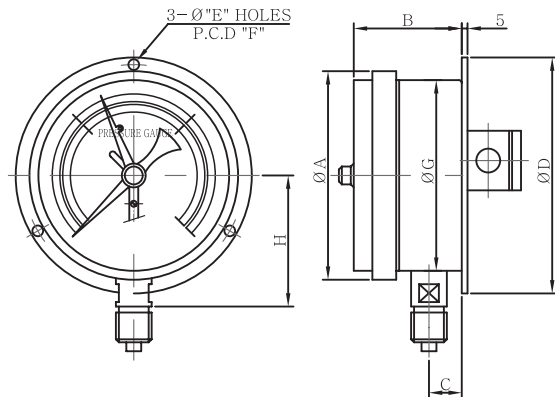
*The standard specification and price are subject to change without prior notice.

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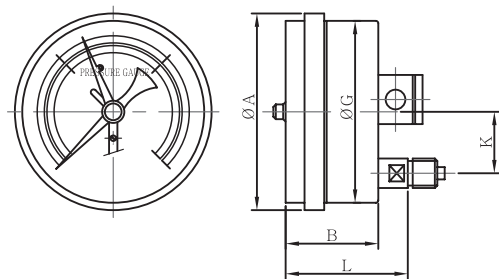
TYPE-A



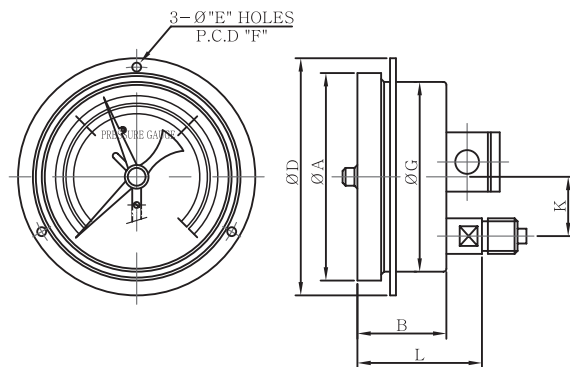
TYPE-B



TYPE-L



TYPE-J



Code	Dial Size	(Available Type)	A	B	C	D	E	F	G	H	L	K
40	$\varnothing 100$	A,B,L,J	114.5	66	15	137	5.5	124	101.5	78	90.5	35
60	$\varnothing 150$	A,B,L,J	167.9	75[73]	19	185.5	6	174	153	102	101	50