



SJ PRE4.H

**PRESSURE
GAUGE
WITH CONTACT
SWITCH**



Switch Contact Pressure Gauge, Euro Warning/Alarm Contact

Mechanical
Pressure Gauge

Model: PRE4.H

Product Description

- Stainless steel bezel with glass window, beautiful but still durable
- A variety of contact types to choose from
- Used in chemical, petroleum, metallurgy, machinery and other industries
- Same specifications as WIKA-PGS23



Fig. Up: Lower mount
Fig. Down : Back mount

Product Specification

Connection location

Bottom mount,
back mount with flange,
back mount without flange

Electrical connections

Cable terminal box

Nominal size

4", 6"

Scale ranges

-76 cmHg ... 1000 kg/cm²,
or other equivalent units of pressure,
vacuum or compound

Accuracy

CL 1.6

Process connection

304 SS (standard), 316 SS
1/4", 3/8", 1/2"
PT, G, NPT

Case/Ring

304 SS (standard), 316 SS

Window

Flat instrument glass

Pointer

Aluminum alloy, black scale on white

Bourdon tube

316 SS



Product Specification

Filling liquid

Without, silicone oil

Movement

304 SS

Ambient temperature

20°C ... 70°C

Medium temperature

200°C (Max.) (unfilled)

100°C (Max.) (silicone oil filled)

Contact

Switch type:

Magnetic snap-action contact

Material:

Silver nickel alloy

Type:

Single contact N.O., Single contact N.C.,

Double contacts N.O.x2, Double

contacts N.O.+N.C., Double contacts

N.C.x2

Switch contact specifications

Rated operating voltage: 380 V (Max.)

Switching power Max.: 30 W / 50 VA
(Max.)

Switch-on current: 1.0 A (Max.)

Switch-off current: 1.0 A (Max.)

Continuous current: 0.6 A (Max.)

IP Rating

IP 65

Adjustment lock

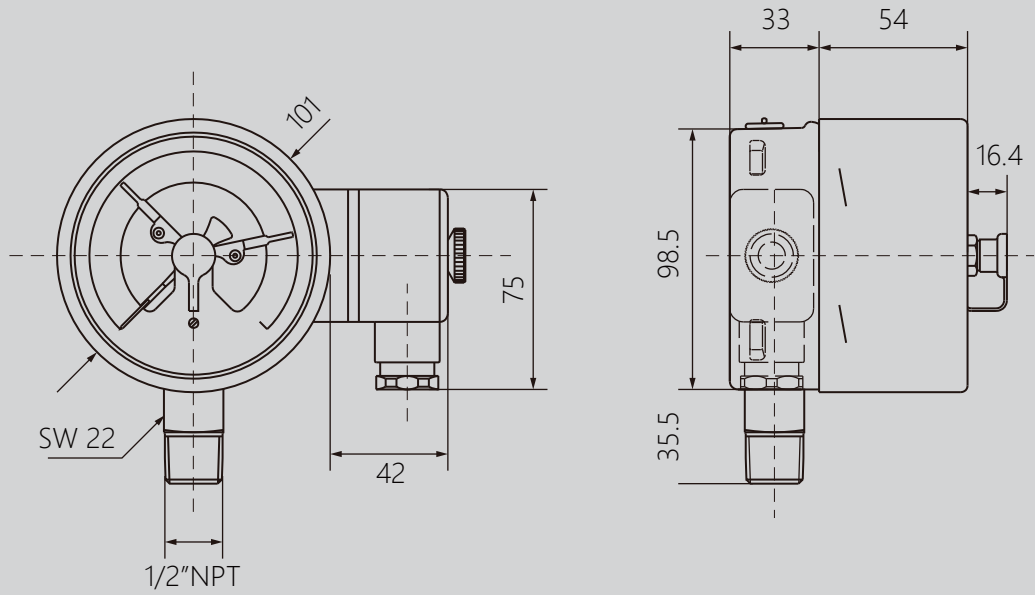
with/ without removable adjustment key

Others

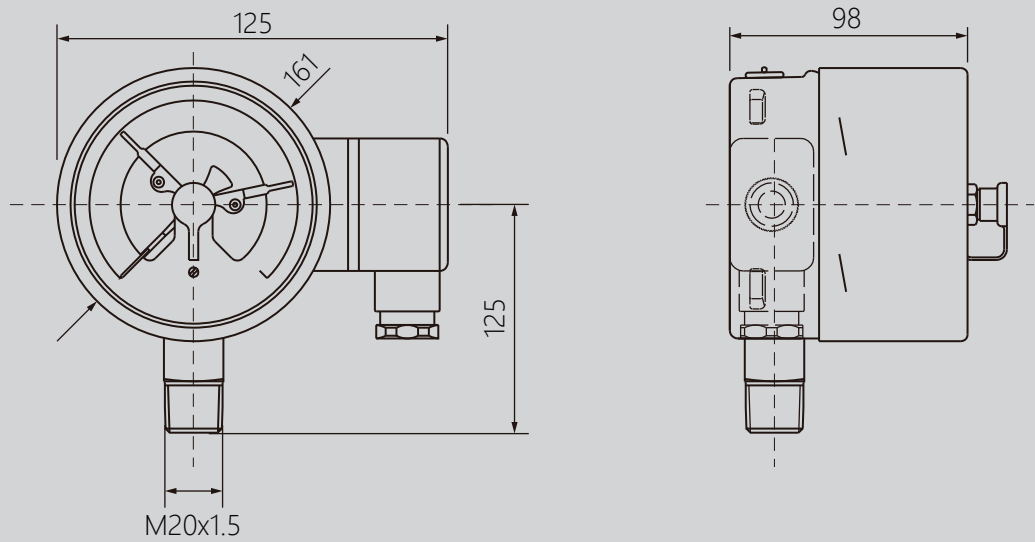
Contacts with separate circuits(2
separate circuits), SPDT Change-over
contacts (break or make simultaneously
at the set point)

Dimensions

A 4"-Bottom mount

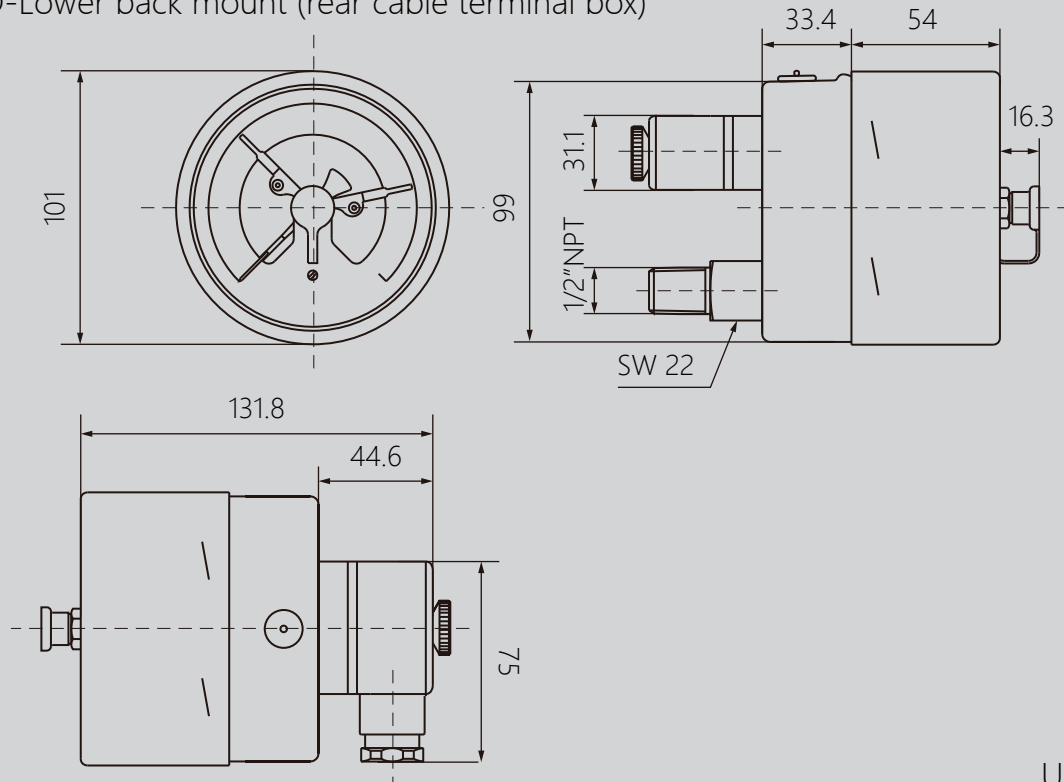


A 6"-Bottom mount



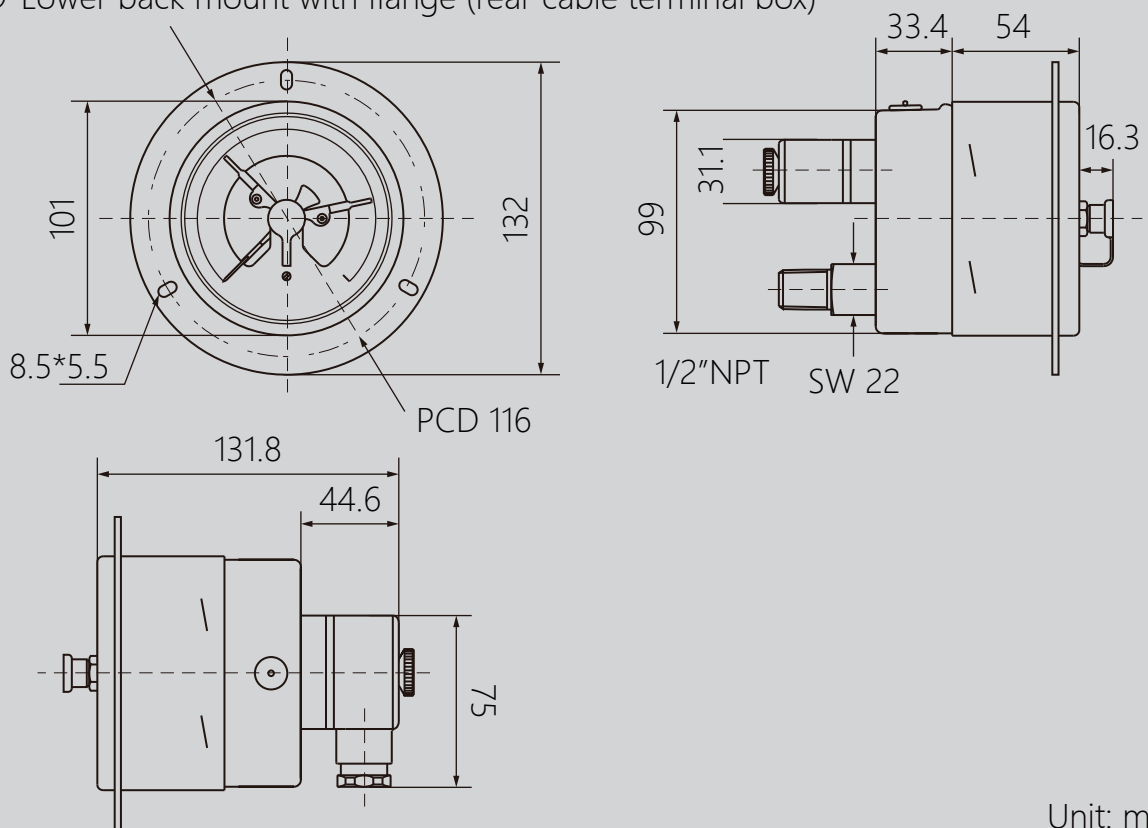
Dimensions

AD-Lower back mount (rear cable terminal box)



Unit: mm

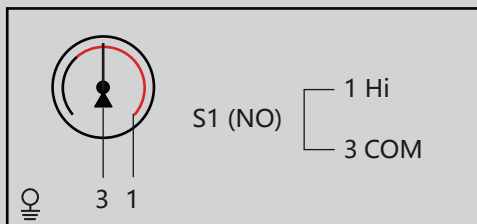
BD-Lower back mount with flange (rear cable terminal box)



Unit: mm

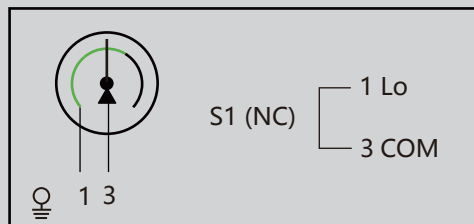
Contact type

2R Single contact N.O.



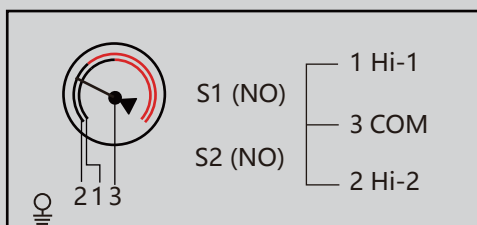
S1 contact makes when the pointer reaches the set point.

2G Single contact N.C.



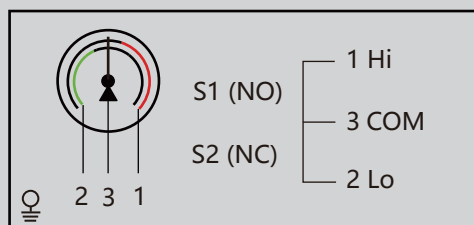
S1 contact breaks when the pointer reaches the set point.

3RR Double contacts N.O.



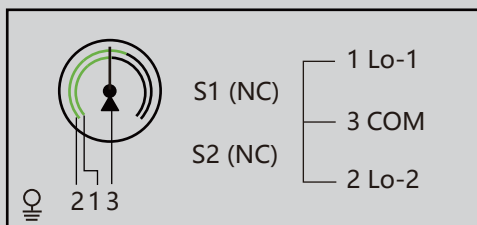
S1 and S2 contact make when the pointer reaches the set point.

3RG Double contacts N.O. + N.C.



S1 contact makes and S2 contact breaks when the pointer reaches the set point.

3GG Double contacts N.C.



S1 and S2 contact break when the pointer reaches the set point.

※ Note:

When the pressure is positive, the pointer is clockwise. If it is a vacuum (counterclockwise), the makes and the breaks are in opposite directions.

※ Ordering information:

Model / Connection location / Scale range / Process connection / Liquid filled /
Adjustment lock / Contact type / Options

For any changes to the specifications of this catalogue, the latest version shall prevail.



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