

Differential pressure gauge

# GA400-8-P02 Series

For controlling service life of air filter.

- Differential pressure measuring range: 0 to 0.2 MPa  $\pm 2.5\%$ F.S.
- Port size: Rc1/4 JIS symbol 



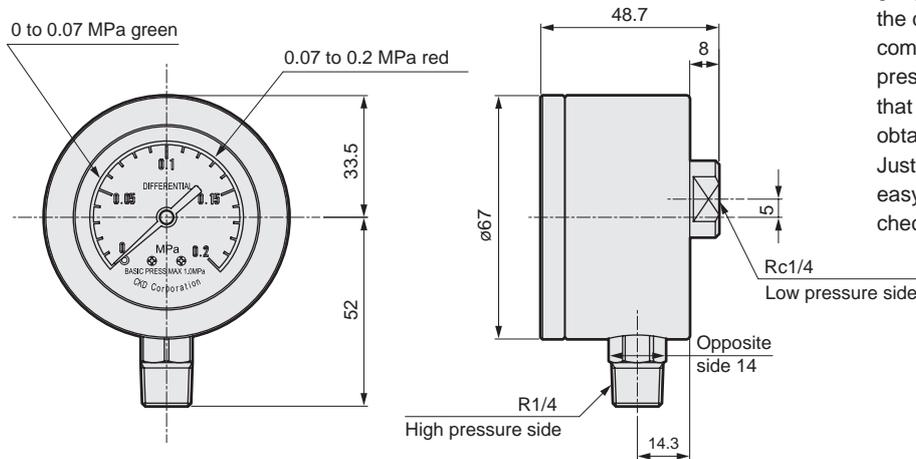
## Specifications

Descriptions		GA400-8-P02-P90
Max. working pressure	MPa	1.0
Proof pressure	MPa	1.5
Fluid temperature (ambient temperature)	°C	5 to 65
Differential pressure measuring range	MPa	0 to 0.2
Pressure gauge accuracy		Full scale $\pm 2.5\%$
Port size (high pressure side)	R	1/4
Weight	kg	0.7

\* For differential pressure gauge (GA400-8-P02), standard accessories include a 0.5-m nylon tube (O.D.  $\varnothing 4 \times$  I.D.  $\varnothing 2.5$ ), a single straight half union (port size: R1/4) and an elbow union (port size: R1/4).

## Dimensions

GA400-8-P02-P90



## Operational principle

Applying the measuring principles of a pressure gauge, the differential pressure gauge measures the differential pressure between pneumatic components in the pneumatic circuit. Differential pressure is measured in the pressurized state, so that accurate and precise measuring results are obtained.

Just assemble the bypass circuit for quick and easy mounting. Maintenance is also easy: just check the pressure gauge.

## Caution

### ⚠ Precautions

When assembling a stop valve in the by-pass circuit, always open the stop valve before supplying compressed air.

### ⚠ Safety precautions (GA400)

Note 1: Avoid direct sunlight.

Note 2: If the compressed air temperature during use is higher than the ambient temperature, the ambient temperature cools the differential pressure gauge and it may accumulate the water drop in face of the gauge.

SCPD3

SCM

SSD2

MDC2

SMG

LCM

LCR

LCG

LCX

STM

STG

STR2

MRL2

GRC

Cylinder Switch

MN3E

MN4E

4GA/B

M4GA/B

MN4GA/B

F.R.(module unit)

Clean F.R

Precision R

Press gauge

Diff. press gauge

Electro-pneumatic R

Speed controller

Auxiliary valve

Fitting/tube

Clean air unit

Pressure sensor

Flow rate sensor

Valve for air blow

Ending