



Differential pressure gauge

# GA400-8-P02 Series

For controlling service life of air filter

Differential pressure measuring range: 0 to 0.2MPa  $\pm 3\%$ F.S.

JIS symbol



Refrigerating  
type dryer

Desiccant  
type dryer

High polymer  
membrane  
dryer

Air filter

Automatic  
drain  
other

F.R.L.  
(Module)

F.R.L.  
(Separate)

Small  
F.R.

Precise  
R.

Electro  
pneumatic R.

Auxiliary

Flow control  
valve

Silencer

Check valve  
/ others

Joint  
/ tube

Vacuum  
F.

Vacuum  
R.

Vacuum  
generator

Vacuum  
auxiliary  
/ pad

Mechanical  
pressure SW

Electronic  
pressure SW

Electronic  
diff. pres.  
SW

Sealing/ close  
contact conf.  
SW

Pressure SW  
for coolant

Flow sensor  
for air

Total air  
system

Water  
cooling  
refrigerator

Flow sensor  
for water

F.R.L.  
unit

Differential  
pressure gauge

## Specifications

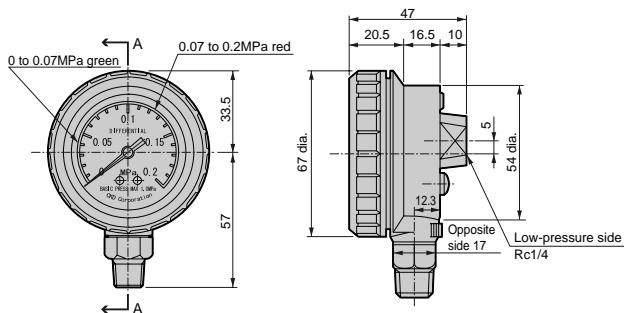
Descriptions	GA400-8-P02
Max. working pressure MPa	1.0
Withstanding pressure MPa	1.5
Fluid temperature (ambient temperature) °C	5 to 65
Differential pressure measuring range MPa	0 to 0.2
Pressure gauge accuracy	Full scale $\pm 3\%$
Port size (high pressure side) R	1/4
Product mass kg	0.34

\* Nylon tube (O.D. 4 X I.D. 2.5, model no. F-1504) 0.5m, a single straight half union (port size R1/4, model no. MJ4-8), an elbow union (port size R1/4 model no. MJL4-8), and a set of sealing tape are attached to the differential pressure gauge (GA400-8-P02) as standard accessory

When using a differential pressure gauge for 1152-24C-MD, 1252-24C-MD, 1252-24C-MX or larger type, indicate long nylon tube (1.5m) GA400-8-P02-T1.5.

## Dimensions

GA400-8-P02



## Operation principle

Applied measuring principle of a pressure gauge, differential pressure gauge measures differential pressure between pneumatic components in the pneumatic circuit. Differential pressure is measured in pressurized state, so accurate and precise measuring result is obtained.

Only assembling by-pass circuit, installed easily and quickly. Maintenance is also easy by only checking a pressure gauge.

## Cautions

### ⚠ Precautions

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

### ⚠ Precautions (GA400)

Caution 1: Avoid direct sun lay.