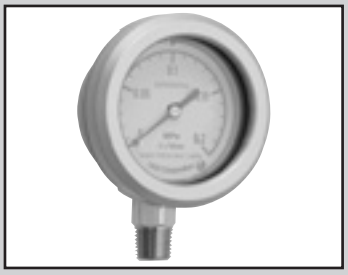


Differential pressure gauge

GA400-8-P02 Series

For controlling service life of the air filter.

● Differential pressure measuring range: 0 to 0.2MPa ±2.5% F.S.

JIS symbol 

RoHS

Specifications

Descriptions	GA400-8-P02
Max. working pressure MPa	1.0
Proof pressure MPa	1.5
Fluid/ambient temperatures °C	5 to 65
Differential pressure measured range MPa	0 to 0.2
Pressure gauge accuracy	Full scale ±2.5%
Port size (high pressure side) R	1/4
Weight kg	0.26

* Standard accessories of the differential pressure gauge (GA400-8-P02) include a 0.5 m nylon tube (O.D. ø4 x I.D. ø2.5), and a single straight half union (port size: R1/4, model No. MJS4-8). An elbow union (port size R1/4, model No. MJL4-8) is included.
Designate GA400-8-P02-T1.5 when using the type with 1.5 m long nylon tube.

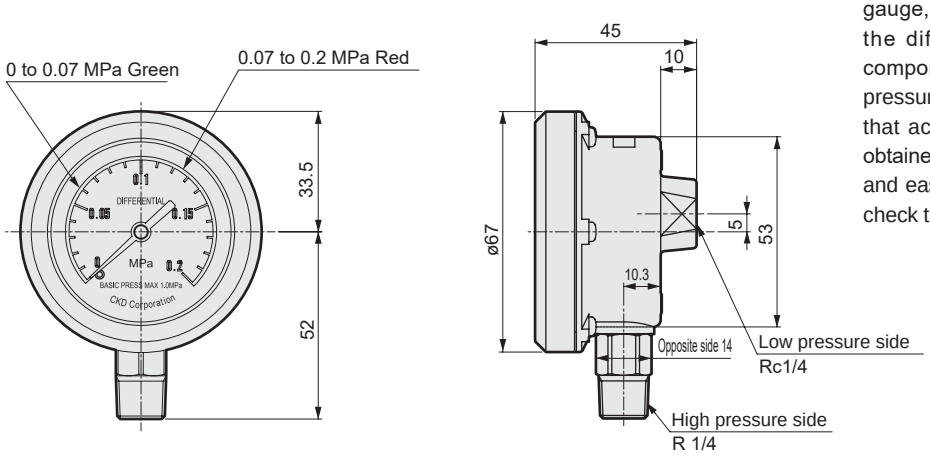
Clean-room specifications (Catalog No. CB-033SA)

● Anti-dust generation structure for use in cleanrooms

GA400-.....- **P90**

Dimensions

GA400-8-P02



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.

Precautions

⚠ Precautions

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

⚠ Safety precautions (GA400)

*1: Avoid direct sunlight.

*2: If the compressed air temperature during use is higher than the ambient temperature, moisture may condense inside the differential pressure gauge since it is cooled by the ambient temperature.