

F.R.L.
 F.R.
 F (Filtr)
 R (Reg)
 L (Lub)
 Drain
 Separ
 Mech
 Press SW
 Res press
 exh valve
 SlowStart
 Anti-bac/Bac-
 remove Filtr
 Film
 Resist FR
 Oil-ProhrR
 Med
 Press FR
 No Cu/
 PTFE FRL
 Outdrs FRL
 Adapter
 Joiner
 Press
 Gauge
 CompFRL
 LgFRL
 PrecsR
 VacF/R
 Clean FR
 ElecPneUR
 AirBoost
 Speed Ctrl
 Silncr
 CheckV/
 other
 Fit/Tube
 Nozzle
 Air Unit
 PrecsCompn
 Electro
 Press SW
 ContactSW
 AirSens
 PresSW
 Cool
 Air Flo
 Sens/Ctrl
 WaterRtSens
 TotAirSys
 (Total Air)
 TotAirSys
 (Gamma)
 Gas
 generator
 RefrDry
 DesicDry
 HiPolymDry
 MainFiltr
 Dischrg
 etc
 Ending



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



Specifications

Item	GA400-8-P02	
Max. working pressure	MPa	1.0 (≈150 psi, 10 bar)
Proof pressure	MPa	1.5 (≈220 psi, 15 bar)
Fluid / Ambient temperatures	°C	5 (41°F) to 65 (149°F)
Differential pressure measured range	MPa	0 (≈0 psi, 0 bar) to 0.2 (≈29 psi, 2 bar)
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.

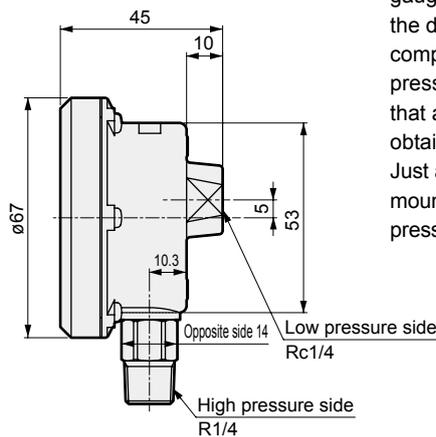
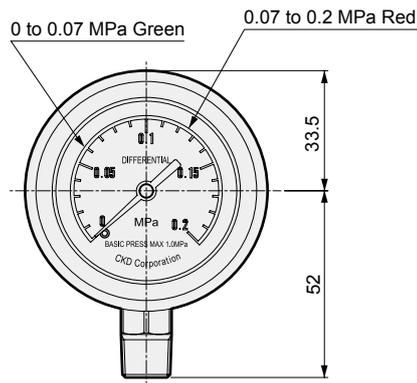
Clean-room specifications (Catalog No. CB-033SA)

● 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.

Caution

⚠ 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.