



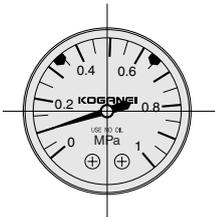
Pressure Gauge Specifications

Item	Model	G1S-40	G3S-40
Media		Air, N ₂ , O ₂ , CO ₂ , He, Ar	
Port size	R	1/4	
Pressure indicator range	MPa [psi.]	0~1.0 [0~145]	0~0.3 [0~44]
Accuracy		F.S. ±2.5%	
Outer diameter	mm [in.]	42.5 [1.673]	
Maximum operating pressure	MPa [psi.]	0.93 [135]	0.25 [36]
Operating temperature range	°C [°F]	5~60 [41~140]	
Mass	kg [lb.]	0.091 [0.201]	

Dimensions of Pressure Gauge (mm)

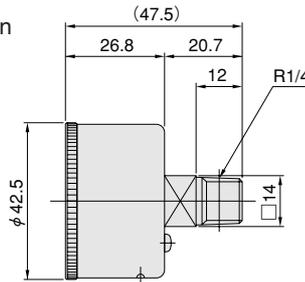
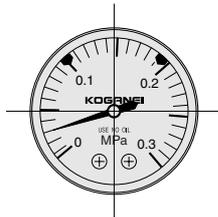
● G1S-40

Standard specification
1 MPa



● G3S-40

Low-pressure specification
0.3 MPa



Major Parts and Materials

Parts	Materials
Case	SPCC (Black painting)
Flats of nipple section	SUS316
Bourdon tube	SUS316
Transparent cover	Plastic (PC)

Order Codes for Pressure Gauge Single Unit

G□S-40

Pressure indicator range

- 1 : Standard specification 1 MPa [145psi.]
- 3 : Low-pressure specification 0.3 MPa [44psi.]

Precautions for Use of Stainless Regulators

Pressure regulation

1. Always pull out the knob firmly to regulate pressure. Turning the knob to the right (clockwise) increases the pressure, while turning it to the left (counterclockwise) reduces the pressure.
2. After regulating pressure, push the knob back into the body and lock it in place.

Mounting and piping

1. For the body's piping connection ports, IN is stamped on the inlet port only. Make sure that the corresponding port on the rear of the body is the outlet port.
2. In the case of panel mounting, the panel mounting hole diameter should be $\phi 24.5$ [0.965in.]. Do not exceed a tightening torque of 980.7N·cm [86.8in.·lbf].
3. For the relieving type, relief air (gas) is exhausted to the outside via the plastic bonnet. Note that this air (gas) cannot be retrieved.
4. When mounting a pressure gauge, use a wrench on the square part of the pressure gauge's piping connection port.

General precautions

1. Avoid setting the valve in this product's primary side to use that repeatedly switches the primary pressure.
2. Before connecting the piping for the stainless regulator, always flush out the pipes.
3. Usable media includes air, nitrogen, oxygen, carbon dioxide, helium, and argon. Do not use any other media. Moreover, media used for the relieving specifications are limited to air, nitrogen, carbon dioxide, helium, or argon. Do not use any other media.
4. Do not use when the media or the ambient atmosphere contains the following substances: Organic solvents, acids, chlorine, etc.
5. Avoid using in locations where the ambient temperature exceeds the specified operating temperature range.
6. Avoid using when the specified maximum operating pressure is exceeded.
7. This product is for industrial use. Do not use in life-support equipment or other equipment critical to human health and life.
8. Avoid applying excessive external force on this product.
9. Do not disassemble or modify this product.
10. Do not expose this product to ultraviolet rays, wind, or rain.
11. When disposing of this product, always treat it as industrial waste.