



**Pressure spikes, vibration, and pulsation** are overcome with the Series SGD Liquid Filled Stainless Steel Industrial Pressure Gauge. The unit's glycerin fill provides superior performance for many mechanical applications. All internal parts are constructed of 316 stainless steel for greater chemical compatibility. The 2.5" (63 mm) diameter gauge features  $\pm 1.6\%$  accuracy and is housed in a 304 stainless steel case.

### APPLICATIONS

Pneumatics, Hydraulics, Pumps, Compressors, Diesel Engines.

### SPECIFICATIONS

- Service:** Compatible liquids or gases.
- Wetted Materials:** 316 stainless steel.
- Fill Solution:** Glycerin.
- Housing:** 304 stainless steel.
- Accuracy:**  $\pm 1.6\%$  full scale.
- Pressure Limit:** 130% of full scale for ranges up to 40,000 kPa; 115% for 40,000 kPa and greater.
- Temperature Limit:**
  - Ambient: -20 to 65°C;
  - Process: 65°C max. - Filled;
  - 270°C max. - Dry.
- Size:** 2-1/2" (63 mm) diameter.
- Process Connection:** 1/4" male BSP.
- Enclosure Rating:** IP55.
- Weight:** 255 g.
- Connection Option:** Rear.

### MODEL CHART

Model Number	Ranges	Model Number	Ranges
SGD-D0122B	-100 to 0 kPa (0 to 30" Hg VAC)	SGD-D1622B	0 to 25,000 kPa (0 to 3,500 psi)
SGD-D0222B	0 to 100 kPa (0 to 15 psi)	SGD-D1722B	0 to 40,000 kPa (0 to 6,000 psi)
SGD-D0322B	0 to 160 kPa (0 to 20 psi)	SGD-D1822B	0 to 60,000 kPa (0 to 8,000 psi)
SGD-D0422B	0 to 250 kPa (0 to 35 psi)	SGD-D1922B	0 to 80,000 kPa (0 to 11,000 psi)
SGD-D0522B	0 to 400 kPa (0 to 60 psi)	SGD-D2022B	0 to 100,000 kPa (0 to 15,000 psi)
SGD-D0622B	0 to 600 kPa (0 to 80 psi)	SGD-D2122B	-100 to 100 kPa (30" Hg to 15 psi)
SGD-D0722B	0 to 800 kPa (0 to 110 psi)	SGD-D2222B	-100 to 160 kPa (30" Hg to 20 psi)
SGD-D0822B	0 to 1,000 kPa (0 to 150 psi)	SGD-D2322B	-100 to 250 kPa (30" Hg to 35 psi)
SGD-D0922B	0 to 1,600 kPa (0 to 230 psi)	SGD-D2422B	-100 to 400 kPa (30" Hg to 60 psi)
SGD-D1022B	0 to 2,500 kPa (0 to 350 psi)	SGD-D2522B	-100 to 1,000 kPa (30" Hg to 150 psi)
SGD-D1122B	0 to 4,000 kPa (0 to 600 psi)	SGD-D2622B	-100 to 1,600 kPa (30" Hg to 230 psi)
SGD-D1222B	0 to 6,000 kPa (0 to 800 psi)	SGD-D2722B	-100 to 2,500 kPa (30" Hg to 350 psi)
SGD-D1322B	0 to 8,000 kPa (0 to 1,100 psi)	SGD-D2822B	-100 to 14,000 kPa (30" Hg to 2,000 psi)
SGD-D1422B	0 to 10,000 kPa (0 to 1,500 psi)		
SGD-D1522B	0 to 16,000 kPa (0 to 2,300 psi)		

\* Suffix -PY for Liquid Filled