



Digital Pressure Gauges with Transmitters

- Available in pressure ranges from 0 to 5000 psi at Grainger.com
- 4 to 20mA DC output
- Stainless steel wetted parts

Convert pressure readings into electrical signals that are transmitted to a receiver, control panel, or other system. Digital LCD display with selectable units of measure. Can be used for on-the-spot readings, transmitting readings to external sources, and to alert technicians when a designated set point is met. Commonly used in fixed installations to monitor spikes or drops in pressure or when a sudden change requires an automated or immediate response.

D8578



Light-powered gauges have a solar cell that requires a minimum level of ambient light. Ideal for applications that require continuous monitoring, with no battery changes needed.

Sanitary gauges have a triclamp process connection and diaphragm sensor. Commonly used in food, beverage, dairy, pharmaceutical, biotech, and medical manufacturing applications where sanitation and risk of contamination are a concern.

Nominal Dial Size	Accuracy	IP/NEMA Rating	Power Source	Brand	Item No.
Digital Pressure Gauges with Transmitters					
1/4 in NPT Male - Bottom					
3"	±0.25% of Full Scale	IP66; NEMA 4X	12 to 24V AC, 12 to 24V DC	Dwyer	D1799
3"	±0.25% of Full Scale	IP65	12 to 36V DC, 4 to 20 mA Loop	Ashcroft	D8578
3"	±0.25% of Full Scale	IP65; NEMA 4X	8 to 30 V DC	SSI	K4249
Light-Powered Digital Pressure Gauges with Transmitters					
4 1/2"	±0.5% of Full Scale	IP65	<10 Lux Rating, 9 to 35V DC	Weiss	D8584
1/2 in NPT Male - Bottom					
4 1/2"	±0.5% of Full Scale	IP65	<10 Lux Rating, 9 to 35V DC	Weiss	D8585
Sanitary Digital Pressure Gauges with Transmitters					
1 1/2 in Triclamp - Bottom					
3"	±0.25% of Full Scale	—	24 to 36V DC with Optional Battery Backup	Lumenite	K4250
2 in Triclamp - Bottom					
3"	±0.25% of Full Scale	—	24 to 36V DC with Optional Battery Backup	Lumenite	K4251

Light-Duty Dial Pressure Gauges

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 5000 psi at Grainger.com
- Accuracy: ±3-2-3%
- Acrylic lenses

Thread-mounted gauges have a bottom or back connection. Use for most general purpose pressure measurement and monitoring applications.

Gauges with stainless steel cases are corrosion-resistant and suitable for outdoor use or harsh conditions. Wetted parts are stainless steel.

Gauges with plastic cases have brass/bronze wetted parts.

Vibration-resistant gauges have a liquid fill that reduces pulsation and pointer vibration.

Dial Size	Case Material	STANDARD Item No.	VIBRATION RESISTANT Item No.
1/8 in NPT Male - Bottom			
1 1/2"	304 Stainless Steel	D1353	D1355
1 1/2"	ABS Plastic	D1334	—
1/8 in NPT Male - Center Back			
1 1/2"	304 Stainless Steel	D1354	D1356
1 1/2"	ABS Plastic	D1335	—
1/4 in NPT Male - Bottom			
2"	304 Stainless Steel	D1357	D1359
2"	ABS Plastic	D1338	—
2 1/2"	304 Stainless Steel	D1362	D1364
2 1/2"	ABS Plastic	D1343	—
3 1/2"	304 Stainless Steel	D1366	D1368
3 1/2"	ABS Plastic	D1348	—
1/4 in NPT Male - Center Back			
2"	304 Stainless Steel	D1358	D1361
2"	ABS Plastic	D1339	—
2 1/2"	304 Stainless Steel	D1363	D1365
2 1/2"	ABS Plastic	D1344	—
3 1/2"	304 Stainless Steel	D1367	D1369
3 1/2"	ABS Plastic	D1349	—



Bottom Connection



Pressure Gauges with Diaphragm Seal for Challenging Media

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 7500 psi at Grainger.com

Paired external diaphragm seal creates an impermeable barrier between the process media and the wetted parts of the gauge. Seal resists harsh and corrosive chemicals, prevents clogs from challenging or loaded media, and protects the gauge from freezing with low-temperature media.

316 SS Mini Seal gauges feature a mini-isolator diaphragm seal. The diaphragm protects the gauge from damage and contamination. Use with applications such as processing wastewater or wood pulp.



D7963

Freeze and Clog-Resistant Internal Seal gauges have a Buna-N anti-freeze/anticlog barrier which isolates wetted materials from service media. Ideal for use with low-temperature process media as well as materials like wastewater or wood pulp.

Nickel Alloy Mini Seal gauges are commonly used for applications requiring protection from solids and chemicals like chlorine, sulfuric acid, and hydrofluoric acid.

Thermoplastic Seal gauges are built to isolate and protect pressure instruments against clogging or contamination due to suspended solids or highly viscous fluids.

Nominal Dial Size	Accuracy	Wetted Parts Materials	Gauge Case Liquid	Seal Fill Liquid	Brand	Item No.
Gauge with 316 SS Female-Threaded Mini Seal						
1/4 in NPT Male - Bottom						
2 1/2"	±2-1-2%	316 Stainless Steel	None	Glycerin	Pic Gauges	K4224
2 1/2"	±2-1-2%	316 Stainless Steel	Glycerin	Glycerin	Pic Gauges	K4224
2 1/2"	±1.50%	316L Stainless Steel	None	Glycerin	Ashcroft	D0988
1/4 in NPT Female - Bottom						
2 1/2"	±1.50%	316L Stainless Steel	None	Glycerin	Ashcroft	D0988
2 1/2"	±1.60%	316 Stainless Steel	Glycerin	Mineral Oil	Kodiak	K4223
1/4 in NPT Female - Lower Back						
2 1/2"	±1.50%	316L Stainless Steel	None	Glycerin	Ashcroft	D0989
Gauge with 316 SS Male-Threaded Mini Seal						
1/4 in NPT Male - Bottom						
2 1/2"	±1.60%	316 Stainless Steel	Glycerin	Mineral Oil	Kodiak	K4225
2 1/2"	±2-1-2%	316 Stainless Steel	None	Glycerin	Pic Gauges	K4226
2 1/2"	±2-1-2%	316 Stainless Steel	Glycerin	Glycerin	Pic Gauges	K4226
Gauge with Freeze- & Clog-Resistant Internal Seal						
2 1/2"	±1.00%	Copper Alloy	Glycerin	Instrument Oil	Span	D7963
Gauge with Nickel Alloy C-276 Mini Seal						
1/2 in NPT Male - Bottom						
4 1/2"	±1.00%	316L Stainless Steel	None	Halocarbon	Ashcroft	K4227
Gauge with Thermoplastic Seal						
1/4 in NPT Female - Bottom						
2 1/2"	±1.60%	Stainless Steel	Glycerin	Mineral Oil	Kodiak	K4228
1/4 in NPT Male - Bottom						
2 1/2"	±2-1-2%	316 Stainless Steel	None	Glycerin	Pic Gauges	K4229
2 1/2"	±2-1-2%	316 Stainless Steel	Glycerin	Glycerin	Pic Gauges	K4229
Low Pressure Gauge with 316 SS Mini Seal						
1/4 in NPT Female - Bottom						
2 1/2"	±1.60%	316 Stainless Steel	Glycerin	Mineral Oil	Kodiak	K4230
1/4 in NPT Male - Bottom						
2 1/2"	±2-1-2%	316 Stainless Steel	None	Glycerin	Pic Gauges	K4231
Process Gauge with 316L SS Mini Seal						
1/2 in NPT Male - Bottom						
4 1/2"	±1.00%	316L Stainless Steel	None	Glycerin	Ashcroft	K4232

Front Flange Panel-Mount Gauges

- Available in pressure ranges from -30 to 0 in Hg (vacuum) and 0 to 600 psi at Grainger.com

Front flange allows gauges to fit securely into a panel cutout using mounting bolts on the outer flange. Fit flush with the panel or the back of the bezel flush with the panel. Commonly used for general purpose measurement and monitoring applications.

D1373 and D1374 gauges have a polycarbonate lens and brass/bronze wetted parts.

G3996 gauges have a glass lens.



Bottom Connection G3996

Nominal Dial Size	Accuracy	Gauge Wetted Parts	Case Material	Item No.
1/8 in NPT Male - Center Back				
2 1/2"	±3-2-3%	—	Steel	D1373
1/4 in NPT Male - Center Back				
2 1/2"	±3-2-3%	—	Steel	D1374
1/4 in NPT Male - Bottom				
4 1/2"	±1.0%	Copper	Nylon	G3996