

Panel Mount Digital Pressure Gauge: 5000 psi · 3" Dial · Front Flange

SKU: DPG-111-PM

Price: 2523.70



Description

Specifications

Service	Compatible liquids and combustible gases (for FM listing see Agency Approvals below)
Range	0-5000 psi (0-345 bar)
Wetted Materials	Type 316L SS
Housing Materials	Polycarbonate front and back cover, anodized aluminum extruded housing with recessed grooves, polycarbonate overlay, Buna-N O-rings, 316L SS sensor construction
Accuracy	DPG-100: $\pm 0.25\%$ FS; ± 1 least significant digit @ 70°F (21°C) (includes linearity, hysteresis, repeatability)
Pressure Limit	2x pressure range for models ≥ 1000 psi; 5000 psi for 3000 psi range; 7500 psi for 5000 psi range.
Enclosure Rating	Designed to meet NEMA 4/4X (IP66)
Temperature Limits	0 to 130°F (-18 to 55°C)
Thermal Effect	Between 70 to 130°F is 0.016%/F. Between 32 to 70°F is 0.026%/F. Between 10 to 32°F is 0.09%/F. Between 0 to 10°F is 0.50%/F
Gauge Size	3.00" (76.2 mm) OD x 1.90" deep (max)
Panel Mount Size	4-1/6" (103.19 mm) OD x 5/64" (1.98 mm) thick panel mount ring with three (3) mounting holes for #6 flat head screw equally spaced on a 3-5/8" (92.08 mm) bolt circle.
Connection	1/4" male NPT
Weight	8.84 oz (275 g)
Display	4 digit (.425" H x .234" W digits)

Power Requirements	(2) AAA alkaline batteries, included, user replaceable
Battery Life	2000 hours typical; Low battery indicator. (60 hours in continuous use)
Auto Shut-Off	Gauge: 60 minute auto shut-off. Auto shut-off may be disengaged. Backlight: 2 minute auto shut-off
Agency Approvals	DPG-100: CE, FM approved to be intrinsically safe for Class I, Division 1, Groups A, B, C and D, for ranges 0-5 to 0-3000 psi

Overview

Replace outdated analog gauges with a digital pressure gauge. The DPG-111-PM is designed for panel mounting. Its 4-1/6" panel mount ring has three (3) mounting holes for #6 flat head screws. This gauge has a high $\pm 0.25\%$ or $\pm 0.5\%$ full-scale accuracy. The four-digit digital display will reduce the potential for errors in readings by eliminating parallax error commonly produced with analog gauges. PDG-111-PM is battery powered and has an auto-shut off to conserve battery life. Battery life, on average, will last 2000 hours. A four-button keypad allows easy access to features without the need to work through complex menus or difficult key combinations. These features include backlight, peak and valley, tare or auto zero and conversion of the pressure units. Readings to 5000 psi (345 bar).

Features

- High accuracy provides exceptional measurement minimizing costly out of specification conditions
- Backlit four-digit display provides clear parallax-free reading reducing potential for errors
- Battery-powered gauge with auto-shutoff eliminates wiring and prolongs battery life reducing service calls
- Push-button zero reduce installation and service time