



PG4 Series

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SENSORS
INCORPORATED

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Features

- Direct, local readings
- Mechanical design
- Step-up and stem-down versions
- Gauge head rotates 300°
- 0 - 5,000 or 0 -10,000 psi
- Stainless steel construction

Benefits

- Measure/display pressure at-line
- No power required
- Easy to install and use
- Easy to display and read
- Customer defined pressure ranges
- Rugged and reliable

Description

Dynisco's family of mechanical pressure gauges are the ideal choice for applications requiring simple maintenance free pressure indication. Polymer pressure is sensed by a metal diaphragm, mounted flush with the inside surface of the extruder barrel with pressure indicated on the readout gauge. The sealed diaphragm design eliminates the need for grease and prevents melt contamination and gauge plugging. On the rigid snout version the mechanical gauge can be rotated 300° for unobstructed viewing. For applications involving high temperatures or restricted spaces gauges with flexible stems are available so to mount the gauge farther away from the process. Thermocouple or RTD configurations are available to provide melt temperature.

Specifications

PERFORMANCE CHARACTERISTICS

Combined Error: +/- 2% FS

Zero Adjustability: 7.5% FS

Maximum Pressure: 1.5 X FS

Needle Sweep: 270°

Thermocouple: Type J (Standard)

Mounting Torque: 500 inch/lbs. maximum

Weight: 2-3 lbs. depending on configuration

Standard Wetted Parts: TiN coated 15-5 PH SST

TEMPERATURE & MECHANICAL CHARACTERISTICS

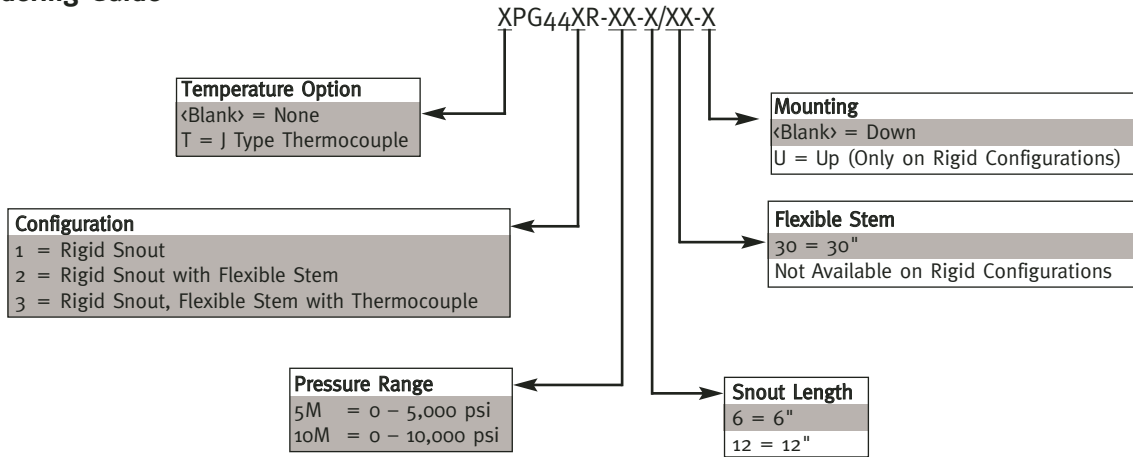
Max Diaphragm Temperature: 750°F (400°C)

Maximum Case Temperature: 275°F (135°C)

Case Material: Stainless Steel with Safety Glass



Ordering Guide



Shaded sections refer to standard configurations. For other configurations, specials and options not listed please consult factory.

