

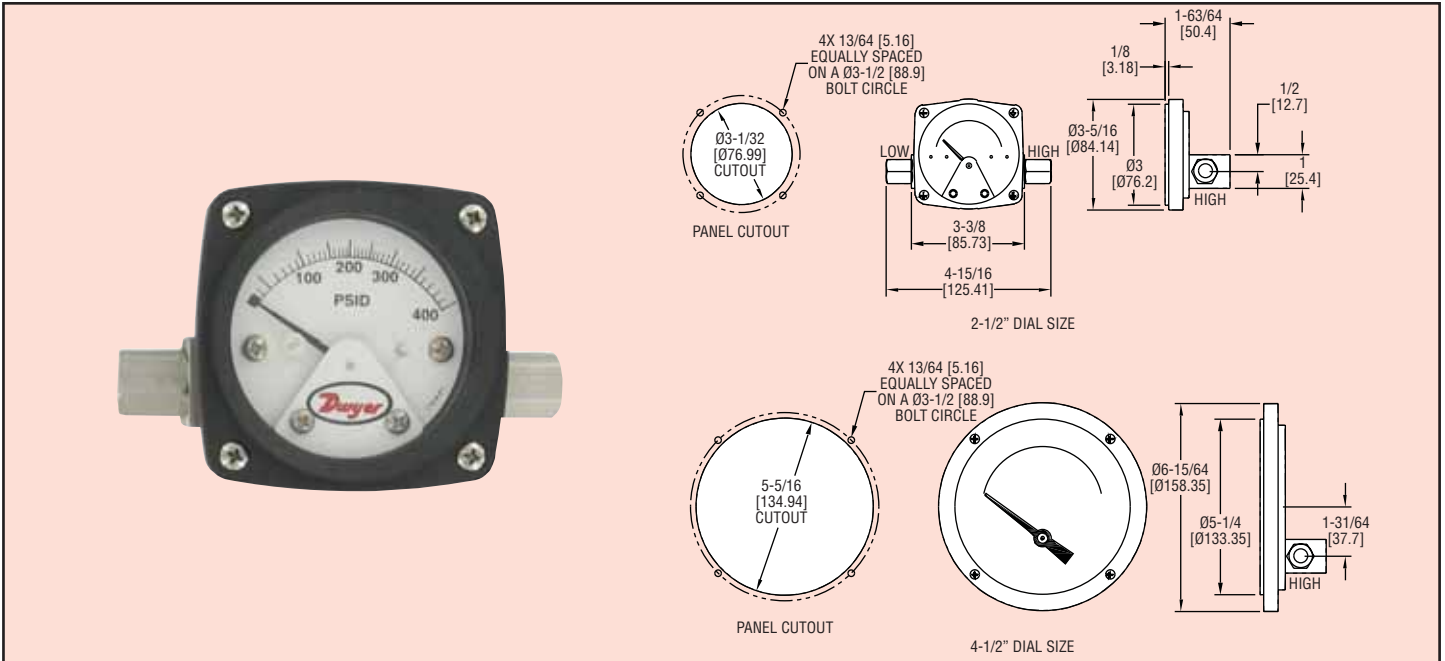


Series  
PTGA

# Differential Pressure Piston-Type Gage

High Over Pressure Rating to 5000 psig. ASME Grade B Accuracy.

New Products



The Series PTGA Differential Pressure Piston-Type Gage can be used to measure the pressure drop across filters, strainers, pump performance testing, and heat exchanger pressure drop monitoring. Its simple, rugged design possesses a weather and corrosion resistant gage front with a shatter resistant lens. The Series PTGA contains a piston-sensing element, which provides differential pressure ranges from 0-150 PSID through 0-400 PSID with full-scale accuracies of  $\pm 3-2-3\%$ . Constructed from aluminum or 316 Stainless Steel and available with two 1/4" FNPT end connections, the Series PTGA provides over-range protection rated to 5000 PSIG (340 bar).

## SPECIFICATIONS

**Service:** Compatible gases and liquids.

**Wetted Materials:** Gage body - Aluminum or 316L SS

Piston - 316L SS

Spring - 316L SS

Ceramic Magnet

End Plugs - Aluminum (Aluminum Body);  
316L SS (SS Body)

Seals- Buna-N (standard).

**Dial Case:** "Engineered Plastic" with shatter-resistant acrylic lens.

**Accuracy:**  $\pm 3-2-3\%$  of full scale in accordance with ASME B40.100 Grade B.

**Pressure Limits:** Working pressure 5000 PSIG (340 bar); Proof Pressure 10,000 PSIG (689 bar).

**Temperature Limits:** -40 to 200°F (-40 to 93°C).

**Size:** 2.5" (63 mm) 4.5" (115 mm).

**Mounting Orientation:** Mount in any position.

**Process Connections:** 1/4" Female NPT end connections.

**Weight:** Aluminum - 2.5" = 0.60 lbs (0.27 kgs), 4.5" = 0.95 lbs (0.43 kgs); 316 SS - 2.5" = 1.35 lbs (0.61 kgs), 4.5" = 1.60 lbs (0.73 kgs).

Model Number	Size	Body	Range
PTGA-AA51EC	2.5"	Aluminum	150 PSID
PTGA-AA52EC	2.5"	Aluminum	200 PSID
PTGA-AA53EC	2.5"	Aluminum	250 PSID
PTGA-AA54EC	2.5"	Aluminum	300 PSID
PTGA-AA55EC	2.5"	Aluminum	400 PSID
PTGA-SA51EC	2.5"	Stainless Steel	150 PSID
PTGA-SA52EC	2.5"	Stainless Steel	200 PSID
PTGA-SA53EC	2.5"	Stainless Steel	250 PSID
PTGA-SA54EC	2.5"	Stainless Steel	300 PSID
PTGA-SA55EC	2.5"	Stainless Steel	400 PSID
PTGA-AC51EC	4.5"	Aluminum	150 PSID
PTGA-AC52EC	4.5"	Aluminum	200 PSID
PTGA-AC53EC	4.5"	Aluminum	250 PSID
PTGA-AC54EC	4.5"	Aluminum	300 PSID
PTGA-AC55EC	4.5"	Aluminum	400 PSID
PTGA-SC51EC	4.5"	Stainless Steel	150 PSID
PTGA-SC52EC	4.5"	Stainless Steel	200 PSID
PTGA-SC53EC	4.5"	Stainless Steel	250 PSID
PTGA-SC54EC	4.5"	Stainless Steel	300 PSID
PTGA-SC55EC	4.5"	Stainless Steel	400 PSID