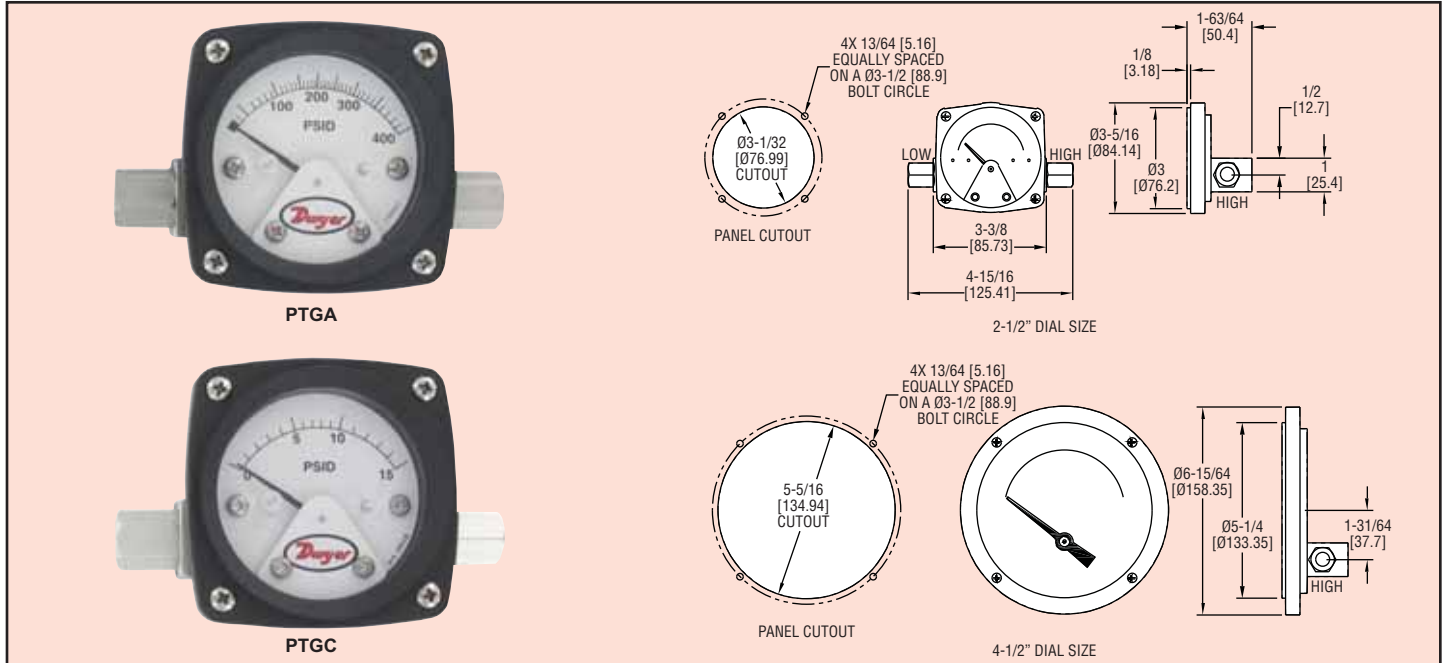




Series  
PTGA  
&  
PTGC

# Differential Pressure Piston-Type Gage

Over Pressure Rating to 5000 psig



The Series PTGA and PTGC 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 and PTGC contain a piston-sensing element, which provides differential pressure ranges from 0-10 psid through 0-400 psid. Constructed from aluminum or 316 stainless steel and available with two 1/4" female NPT end connections, the gages provide over-range protection rated to 5000 psig (340 bar).

## SPECIFICATIONS

**Service:** Compatible gases and liquids.

### Wetted Materials:

Gage Body: Aluminum or 316 SS;  
Piston: 316 SS;  
Spring: 316 SS;  
Ceramic Magnet End Plugs: Aluminum  
(Aluminum Body); 316 SS (SS Body)  
Seals: Buna-N (standard).

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

**Accuracy:** PTGA:  $\pm 3-2-3\%$  of full scale in accordance with ASME B40.100 Grade B; PTGC:  $\pm 5\%$  full scale ascending.

**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 lb (0.27 kg), 4.5" = 0.95 lb (0.43 kg); 316 SS: 2.5" = 1.35 lb (0.61 kg), 4.5" = 1.60 lb (0.73 kg).

Model	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-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

**Note:** To change from aluminum to stainless steel body, replace -AA or -AC with -SA or -SC.

Model	Size	Body	Range
PTGC-AA01EC	2.5"	Aluminum	10 psid
PTGC-AA02EC	2.5"	Aluminum	15 psid
PTGC-AA03EC	2.5"	Aluminum	20 psid
PTGC-AA04EC	2.5"	Aluminum	25 psid
PTGC-AA05EC	2.5"	Aluminum	30 psid
PTGC-AA06EC	2.5"	Aluminum	50 psid
PTGC-AA07EC	2.5"	Aluminum	60 psid
PTGC-AA08EC	2.5"	Aluminum	75 psid
PTGC-AA09EC	2.5"	Aluminum	100 psid
PTGC-AA10EC	2.5"	Aluminum	110 psid

**Note:** To change 2.5" size to 4.5" size, replace -AA with -AC