

INDUSTRIAL AND PROCESS APPLICATIONS

PTF601 Sanitary diaphragm pressure gauges are designed for use in Pharmaceutical, Biotechnology, Food, Beverages and Dairy applications. They are constructed with hygienic Tri-clamp sealed connections for measuring pressure in sanitary applications and are free of voids and cavities to allow no areas for bacterial growth.

- All Stainless steel construction
- Excellent load cycle stability and shock resistance
- 4-20mA, 2-wire output signal
- Ranges from (-1) to 40 bar
- DIN 43650 plug-in connectors
- Cooling tower for high temperature application optional

APPLICATIONS

- Food & Beverage
- Pharmaceutical
- Cosmetic

STANDARD FEATURES

- Signal output : 4-20 mA, 2-wire
- Supply voltage : 10-30 VDC
- Electrical connection : DIN 43650 with plug connector
- Process connection : 1", 1.5" or 2" Triclover connection

PERFORMANCE @25 °C (77 °F)

- Accuracy (non-linearity, hysteresis & non-repeatability) : <±1% span
- Stability (1 year) : ±1% span
- Over range protection : 2X Rated pressure
- Burst pressure : 4X Rated pressure

ELECTRICAL DATA

- Output : 4-20 mA, 2-wire
- Excitation : 10 - 30 VDC
- Output impedance : >100K Ohms
- Current consumption : 20mA, typical

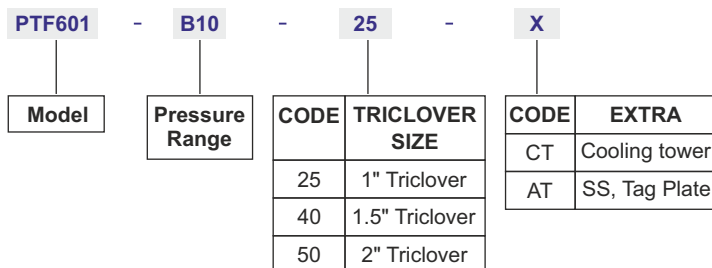
TEMPERATURE

- Compensated Range : -20 to 85 °C
- Operating : -40 to 125 °C
- Storage : -40 to 125 °C

OTHER

- Shock : 50G, 11 msec, 1/2 sine
- Vibration : 20G peak, 20 to 2000Hz

HOW TO ORDER



STANDARD PRESSURE & COMPOUND RANGES

PRESSURE RANGES		COMPOUND RANGES
0 to 1 Barg	0 to 20 Barg	-1 to 3 Barg
0 to 2 Barg	0 to 25 Barg	-1 to 6 Barg
0 to 3.5 Barg	0 to 30 Barg	-1 to 25 Barg
0 to 4 Barg	0 to 40 Barg	-1 to 0 Barg
0 to 6 Barg		
0 to 7 Barg		
0 to 10 Barg		
0 to 16 Barg		

Other equivalent units of pressure & vacuum are available on request

ACCESSORIES

CODE	SANITARY GASKETS
GF	Silicone, FDA Approved
GP	Silicone, FDA Approved & Phthalate Free

CODE	TRICLOVER FERRULE
TC25x21.5	1" Tri-clover Ferrule
TC40x21.5	1.5" Tri-clover Ferrule
TC50x21.5	2" Tri-clover Ferrule

CODE	CLAMP
TC25	1" Clamp
TC40	1.5" Clamp
TC50	2" Clamp