ASHCROFT®
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Duragauge® Pressure Gauge

PIP #: DU-PI-48B

Applicable to:

TYPE 316 STAINLESS STEEL BOURDON TUBES HYSTERESIS ERROR

Hysteresis error is the difference between upscale and downscale readings at any point on the scale obtained during a pressure cycle, after friction errors have been removed by tapping.

Hysteresis is proportional to the pressure input excursion (the maximum amount of pressure applied). Maximum hysteresis usually occurs at or near the middle of the excursion.

The following table lists approximate values of hysteresis for Type 316 stainless steel tube systems.

Range PSI	Maximum Hysteresis %
Up to 10,000	0.5
15,000	1.0
20,000	1.2

All specifications are subject to change without notice.
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