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750RD6

Reference Dual Range Pressure Module, -12 to 100 psi (-1 to 7 bar)

Highlights

A complete family of pressure modules

A family of 48 pressure modules covers pressure calibrations from 0 to 1 in H20 to 10,000 psi (2.5 mBar to 690 bar).

Gage pressure modules have one pressure fitting and measure the pressure with respect to atmospheric pressure. Differential pressure modules have two pressure fittings and measure the difference between the applied pressure on the high fitting versus the low fitting. Each module is clearly labeled for range, overpressure and media compatibility. All modules include NPT, metric (BSP) and M20 adapters.

Description

- 0.025 % reference uncertainty
- 6-month and 1-year specifications
- Temperature compensated 0 °C to 50 °C
- Digital communication to calibrators, no analog losses or errors
- Broad selection of ranges
- Gage, differential, dual range, absolute and vacuum measurement models

Specifications

Specifications5

Parameter / Range	-12 to 100 psi (-1 to 7 bar)
Burst Rating6	4X
Hi Side Media2	316 SS
Lo Side Media2	N/A
Reference Uncertainty4	± 0.01% of FS
Total Uncertainty 1-year (15-35 °C)	± 0.02% of FS
Total Uncertainty 1-year1	± 0.04% of FS
Total Uncertainty 6-month (15-35 °C)	± 0.015% of FS
Total Uncertainty 6-month1	± 0.035% of FS

1. Total uncertainty, % of full span for temperature range 0 °C to +50 °C, one year interval. Total uncertainty, 1.0% of full span for temperature range -10 °C to 0 °C, one year interval. No 6 month specification available for range -10 °C to 0 °C.
2. "Non-corrosive gasses" indicates dry air or non-corrosive gas as compatible media. "Stainless Steel 316-SS" indicates media compatible with Type 316 Stainless Steel.
3. Specifications % of Full Span unless otherwise noted.
4. * Reference Uncertainty is the specification for as left data for 24 hours.
5. When reference class modules are used with fixed resolution products (717, 718, 719 series, 725 and 726) calibrators add ± 1 count to the overall accuracy specification.
6. Burst rating specification refers to the multiplier times full scale of the module for the rated burst pressure.

Models and Accessories

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