

BetaPort-P Digital Pressure Modules AVAILABLE RANGES

PART NUMBER	RANGE	ACCURACY*	VACUUM ACCURACY	OVER PRESSURE
Isolated Gauge (PSIG):				
910331-015	0...15 (0...1 bar)	±0.025%	NA	300%
910331-030	0...30 (0...2 bar)	±0.025%	NA	300%
910326-500	0...500 (0...35 bar)	±0.025%	NA	200%
910326-301	0...1000 (0...70 bar)	±0.025%	NA	200%
910326-315	0...1500 (0...100 bar)	±0.035%	NA	200%
910326-303	0...3000 (0...200 bar)	±0.05%	NA	200%
910326-305	0...5000 (0...350 bar)	±0.05%	NA	200%
910331-10K	0...10000 (0...700 bar)	±0.1%	NA	120%
Isolated Absolute (PSIA)				
910332-015	0...15 (0...1 bar A)	±0.04%	NA	300%
910332-030	0...30 (0...2 bar A)	±0.025%	NA	300%
910332-050	0...50 (0...3.5 bar A)	±0.03%	NA	300%
910332-100	0...100 (0...7 bar A)	±0.025%	NA	300%
910332-300	0...300 (0...20 bar A)	±0.025%	NA	200%
Non-isolated Compound (PSIG)				
910331-003	-0.4...0.4 (10" WC) (25 mbar)	±0.1%	±0.15%	400%
910331-001	-1...1 (-70...70 mbar)	±0.05%	±0.1%	400%
910333-005	-5...5 (-350...350 mbar)	±0.075%	±0.1%	400%
910333-007	-7...7 (200" WC) (500 mbar)	±0.07%	±0.1%	400%
910333-010	-10...10 (-700...700 mbar)	±0.03%	±0.05%	300%
910333-015	-15...15 (-1...1 bar)	±0.04%	±0.04%	300%
910333-030	-15...30 (-1...2 bar)	±0.025%	±0.025%	300%
Isolated Compound (PSIG)				
910331-050	-12...50 (-0.8...3.5 bar)	±0.03%	±0.03%	200%
910331-100	-12...100 (-0.8...7 bar)	±0.025%	±0.025%	200%
910331-150	-12...150 (-0.8...10 bar)	±0.03%	±0.03%	200%
910331-300	-12...300 (-0.8...20 bar)	±0.025%	±0.025%	150%
Non-isolated Differential (PSID)**				
910329-005	0...5 (0...350 bar)	±0.075%	NA	400%
910329-303	0...30 (0...2 bar)	±0.025%	NA	300%
910329-050	0...50 (0...3.5 bar)	±0.03%	NA	300%

* % of full scale between 15 and 35°C

** Maximum static pressure 200 psi / 15 bar

Model BPPA-100 Pressure Module Adapter



BetaPort-P Digital Pressure Modules

Martel Electronics offers 27 standard pressure modules, covering gauge, vacuum, absolute, compound, and differential measurements. All modules are directly compatible with the BetaGauge II. With the Model BPPA-100 Pressure Module Adapter, all modules (with the exception of the DC measurement model) are fully compatible with the Martel DMC-1410, MC-1210 and MC-1010 Multi-Function Calibrators, the BetaGauge 330, 321A, 311A and 301 Pressure Calibrators, the Martel Electronics 3001 Laboratory/Bench Standards.

Pressure ranges may be displayed in any of 15 user selectable units. Water density correction factors of 4 °C, 20 °C, or 60 °F can be selected for either water column unit. The choice of pressure unit may be restricted by limitations on resolution of the instrument display of the particular calibrator the module is used with. For optimum mechanical strength, external pressure connection is made by a 1/8" FNPT 316SS connector welded to a stainless steel metal plate.

General Features

- 27 standard ranges
- Gauge, vacuum, absolute, compound, and differential measurements
- Accuracy specified over 15 °C to 35 °C range
- Isolated and non-isolated measurements, range dependent

BetaGauge Pressure Modules

