

SPECIFICATIONS

PARAMETERS	MODEL			
	1210	1210	1220	1232
	CAPACITY			
U.S. Models (lbf)	300, 500, 1K, 2K	5K, 10K	25K, 50K	100K
Metric Models (kN)	1.5, 2.5, 5, 10	25, 50	100, 250	450
ACCURACY – (MAX ERROR)				
Static Error Band-% FS	± 0.06	± 0.07	± 0.07	± 0.07
Nonlinearity-% FS	± 0.06	± 0.07	± 0.07	± 0.07
Hysteresis-% FS	± 0.03	± 0.05	± 0.06	± 0.06
Nonrepeatability-% RO	± 0.02	± 0.02	± 0.02	± 0.02
Creep, in 20 min-%	± 0.025	± 0.025	± 0.025	± 0.025
Side Load Sensitivity-%	± 0.25	± 0.25	± 0.25	± 0.25
Eccentric Load Sensitivity-%/in	± 0.25	± 0.25	± 0.25	± 0.25
TEMPERATURE				
Compensated Range-°F	15 to 115	15 to 115	15 to 115	15 to 115
Compensated Range-°C	-10 to 45	-10 to 45	-10 to 45	-10 to 45
Operating Range-°F-20 to 185	-65 to 200	-65 to 200	-65 to 200	
Operating Range-°C-29 to 85	-55 to 90	-55 to 90	-55 to 90	
Effect on Zero-%RO/°F – MAX	± 0.005	± 0.003	± 0.003	± 0.003
Effect on Zero-%RO/°C – MAX	± 0.005	± 0.009	± 0.0015	± 0.0015
Effect on Output-%/F – MAX	± 0.005	± 0.005	± 0.005	± 0.005
Effect on Output-%/C – MAX	± 0.009	± 0.009	± 0.009	± 0.009
ELECTRICAL				
Rated Output	4-20mA, ±5V, ±10V, 0-5V, 0-10V			
Supply Voltage-VDC – MAX	11 to 28	11 to 28	11 to 28	11 to 28
Span Adjust Range-% RO	±10	±10	±10	±10
Zero Adjust Range-% RO	7	3.5	3.5	3.5
Insulation Resistance-Megohm	5000	5000	5000	5000
MECHANICAL				
Safe Overload-% CAP	± 150	± 150	± 150	± 150
Deflection @ RO-inch	0.001	0.002	0.002	0.003
Deflection @ RO-mm	0.03	0.05	0.05	0.08
Optional Base-P/N (Metric)	B101 (M)	B102 (M)	B103 (M)	B112 (M)
Bandwidth Hz	200	200	200	200
Weight-lb	1.5	3.3	9.5	26
Weight-kg	0.7	1.5	4.3	11.8
Connector	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P
Calibration	T & C	T & C	T & C	T & C

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Base (Recommended)
 Compression Overload Protection
 Multiple Bridge
 Connector Protection
 See Transducer Electronic Data Sheet (TEDS) Page 118

STANDARD CONFIGURATIONS

PT02E-10-6P Bayonet Connector
 • Installed Base (-B suffix)

ACCESSORIES*

Mating Connector
 Instrumentation
 Loading Hardware

*See appendix for more technical information