

COLUMN LOAD CELLS

UNIVERSAL HIGH CAPACITY (2028 SERIES) FORCE TRANSDUCERS

FEATURES

Sealed for Environmental Protection
Tension and Compression
Connector



SPECIFICATIONS

PARAMETERS	MODEL
	2028
	CAPACITY (lbf)
	100K, 300K, 500K
Accuracy	
Static Error Band, % R.O.	+/- 0.25
Non linearity, % R.O..	+/- 0.25
Hysteresis, % R.O.	+/- 0.15
Non-Repeatability, % R.O.	+/- 0.05
Creep, % Reading in 20 Minutes	+/- 0.03
Zero Balance, % R.O.	+/- 1.0
Temperature	
Range, Compensated, °F	+15 to +115
Range, Operating, °F	-65 to +200
Effect on Sensitivity, % Rdg/100 °F	0.15
Effect on Zero, %R.O./100 °F	0.15
Electrical	
Excitation Voltage, Recommended, Vdc	10
Input resistance, Ohms	1000 +100/-10
Output Resistance, Ohms	1000 +100/-10
Sensitivity (Rated Output), mV/V, Nominal	2
Insulation Resist., Bridge/Case, Meg Ohm	5000 (@ 50 VDC)
Mechanical	
Safe Overload Range, % R.O.	150
Flexure Material	Alloy Steel

OPTIONS

Dual bridge
Output adjustment to standard value
Integral cable
Reduced Temperature Errors

ACCESSORIES

Loading fixtures
Shunt calibration resistor
Interconnect cable
Instrumentation

Consult factory for dimensions.

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