

COMPRESSION CANISTER (3030 SERIES) FORCE TRANSDUCERS

FEATURES

- All Stainless Steel
- Welded Construction.
- Spherical Load Button
- Integral Cable



SPECIFICATIONS

PARAMETERS	MODEL		
	3034	3035	3036
	CAPACITY (lbf)		
	10K, 20K, 50K	100K, 200K	500K
Accuracy			
Zero Balance, % R.O.	+/- 1.0	+/- 1.0	+/- 1.0
Non linearity, % R.O..	+/- 0.2	+/- 0.25	+/- 0.25
Hysteresis, % R.O.	+/- 0.1	+/- 0.1	+/- 0.1
Non-Repeatability, % R.O.	+/- 0.02	+/- 0.02	+/- 0.02
Static Error Band, % R.O.	+/- 0.2	+/- 0.25	+/- 0.25
Creep, % Reading in 20 Minutes	+/- 0.03	+/- 0.03	+/- 0.03
Temperature			
Range, Compensated, °F	+15 to +115	+15 to +115	+15 to +115
Range, Operating, °F	-65 to +200	-65 to +200	-65 to +200
Effect on Sensitivity, % Rdg/100 °F	0.08	0.08	0.08
Effect on Zero, %R.O./100 °F	0.15	0.15	0.15
Electrical			
Excitation Voltage, Recommended, Vdc	10	10	10
Input resistance, Ohms	350 +40/-3.5	350 +40/-3.5	350 +40/-3.5
Output Resistance, Ohms	350 +/- 3.5	350 +/- 3.5	350 +/- 3.5
Sensitivity (Rated Output), mV/V, Nominal	2.5	2.5	2.5
Insulation Resist., Bridge/Case, Meg Ohm	5000 @ 50 VDC	5000 @ 50 VDC	5000 @ 50 VDC
Mechanical			
Safe Overload Range, % R.O.	150	150	150
Flexure Material	Stainless Steel	Stainless Steel	Stainless Steel

OPTIONS

- Dual bridge
- Output adj. to standard value
- Extended temperature range

ACCESSORIES

- Loading fixtures
- Shunt calibration resistor
- Instrumentation

Consult factory for dimensions.

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