

SPECIFICATIONS

PARAMETER	VALUE			UNIT
Rated capacity-R.C. (E_{max})	50K, 100K 25, 35, 50			lbs tons
NTEP/OIML Accuracy class	NTEP IIII	Standard	OIML R60	
Maximum no. of intervals (n)	10000 multiple		3000	
$Y = E_{max}/V_{min}$	NTEP cert. 97-081		8333	Maximum available
Rated output-R.O.	2.0			mV/V
Rated output tolerance	0.25			±% mV/V
Zero balance	1.0			±% FSO
Combined error	0.02	0.03	0.02	±% FSO
Non-repeatability	0.010	0.015	0.010	±% FSO
Creep error (30 minutes)	0.03	0.05	0.017	±% FSO
Temperature effect on zero	0.0010	0.0015	0.0010	±% FSO/°F
Temperature effect on output	0.0008	0.0008	0.0007	±% of load/°F
Compensated temperature range	14 to 104 (-10 to 40)			°F (°C)
Operating temperature range	0 to 150 (-18 to 65)			°F (°C)
Storage temperature range	-60 to 185 (-50 to 85)			°F (°C)
Maximum safe central overload	150			% of R.C.
Ultimate central overload	300			% of R.C.
Excitation, recommended	5 - 20			Vdc or Vac rms
Excitation, maximum	25			Vdc or Vac rms
Input impedance	1000 nominal			Ω
Output impedance	990 - 1010			Ω
Insulation resistance at 50VDC	>1000			MΩ
Material	Stainless steel			
Environmental protection	IP67*			

* Hermetically sealed to IP68 upon request

FSO -Full Scale Output

All specifications subject to change without notice.

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