

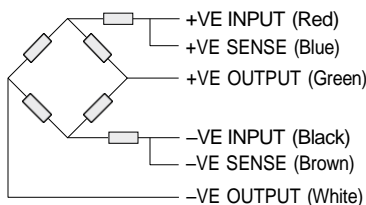
Shear Beam Load Cell

SPECIFICATIONS				
PARAMETER	VALUE			UNIT
Rated capacity—R.C. (E_{max})	500, 1000, 2000 1000, 1500, 2500, 4000			kg. lb.
NTEP/OIML accuracy class	NTEP (lb. cap. Only)	Non-Approved	C3 (pending)	
Maximum no. of intervals (n)	3000 single 5000 multiple	1000	3000*	
$Y = E_{max}/V_{min}$	6666	1400	10000	
Rated output-R.O., kg. capacities	2.0			mV/V
Rated output-R.O., lb. capacities	3.0			
Rated output tolerance	0.1			±% of rated output
Zero balance	2			±% of rated output
Zero return, 30 min.	0.0167	0.0300	0.0167	±% of applied load
Creep, 30 min.	0.035 (3000) 0.021 (5000)	0.050	0.0245	±% of applied load
Total error (per OIML R60)	0.0200	0.0500	0.0200	±% of rated output
Temperature effect on zero	0.0023	0.0100	0.0023	±% of rated output/°C
Temperature effect on output	0.0010	0.0030	0.0010	±% of applied load/°C
Temperature range	-10 to +40			°C
Temperature range, safe	-20 to +70			°C
Maximum safe central overload	150			% of R.C.
Ultimate central overload	300			% of R.C.
Excitation, recommended	10			VDC or VAC RMS
Excitation, maximum	15			VDC or VAC RMS
Input impedance	4500÷5500			Ω
Output impedance	4400÷5500			Ω
Insulation resistance	>2000			MΩ
Cable length	3.0			m
Cable type	4 or 6-wire, braided shield, polyurethane jacket, floating screen			Standard
Construction	Nickel-plated alloy steel or stainless steel			
Environmental protection	IP67			
Recommended mounting torque	136			N*m

* 30% utilization

All specifications subject to change without notice.

WIRING SCHEMATIC DIAGRAM



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