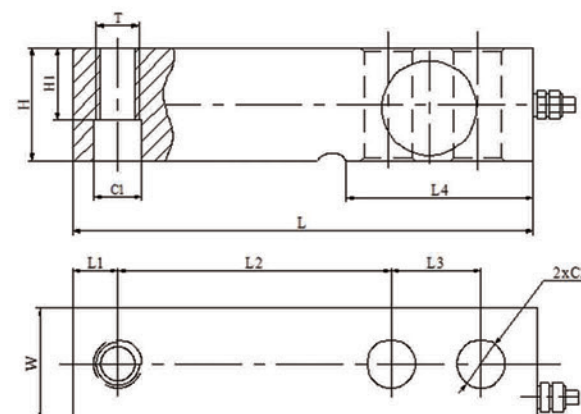


ALLOY STEEL



Single-Ended Shear Beam

NTEP: III L, 5000 Multiple Cell



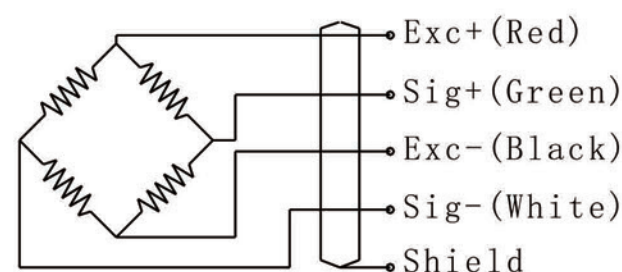
RATED CAPACITY

K1b/mm	L	L1	L2	L3	L4	H	H1	W	C1	C2	T	
0.5 to 5k1b se	5.12	0.5	3	1	2.11	1.25	0.62	1.25	Φ0.53	Φ0.51	1/2-20UNF	
5 to 10k1b	6.75	0.75	3.75	1.5	2.85	1.5	0.75	1.5	Φ0.78	Φ0.79	3/4-16UNF	
15 to 20k1b	8.88	1	4.88	2	4.02	2	1	2	Φ1.06	Φ1.06	1-14UNS	

SPECIFICATIONS

Full scale Output:	$3.0 \pm 0.003\text{mV/V}$
Zero Balance:	$\pm 1\% \text{ F.S}$
Accuracy Class:	III L 5000, NTEP approval
Repeatability:	$< \pm 0.03\% \text{aF.S}$
Hysteresis Error:	$< \pm 0.03\% \text{ F.S}$
Creep (30 min):	$< \pm 0.02\% \text{F.S}$
Input Resistance:	$400 \pm 20\Omega$
Output Resistance:	$352 \pm 3\Omega$
Recommended Excitation:	10V (15V Maximum)
Insulation Resistance:	$> 5000\text{M}\Omega$ (50V DC)
Temperature Effect on Sensitivity:	$< \pm 0.05\% \text{ F.S}/10^\circ\text{C}$
Temperature Effect on Zero Balance:	$< \pm 0.05\% \text{ F.S}/10^\circ\text{C}$
Compensated Temperature Range:	-10°C to 40°C
Operating Temperature Range:	-10°C to 40°C
Storage Temperature Range:	-30°C to 70°C
Safe Overload:	150% of full scale
Ultimate Overload:	250% of full scale
IP class:	Ip68
Material:	Alloy Steel
Warranty:	One-year limited warranty

Wiring Schematic Diagram



INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Vishay Celtron	SQB
Vishay Sensortronics	65023
Keli Sensing	SQBY