



Double Ended Shear Beam Load Cell

# VLC-A102

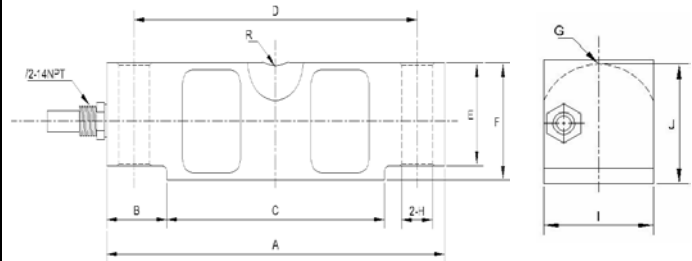
**APPLICATIONS**

Truck scale, Tank, bin,  
Silo Batching, blending  
and mixing system

STANDARD CAPACITY	
10K, 25K, 40K, 50K	
75K, 125K 150K 200Klb	

WIRING	
RED	Input (+)
BLACK	Input (-)
GREEN	Output (+)
WHITE	Output (-)

SPECIFICATIONS	
Rated Output	3mV/V ± 0.25%
Non-Linearity	0.03% F.S.
Hysteresis	0.03% F.S.
Non-repeatability	0.02% F.S.
Creep (in 1 hr)	0.03% F.S.
Zero Balance	± 1%
Temp. effect span	15 PPM/°C
Temp. effect zero	26 PPM/°C
Operating Temp. range	- 20°C ~ + 60°C
Compensated Temp. range	- 10°C ~ + 40°C
Input resistance	770 ± 15Ω
Output resistance	700 ± 5Ω
Safe overload	150% F.S.
Ultimate overload	300% F.S.
Excitation voltage	10VDC/AC
Max. Excitation voltage	30VDC/AC
Insulation resistance	≥ 2000MΩ
Environmental protection	IP67
Material	Alloy tool steel
Cable length	50FT



Capacity lb	DIMENSION										
	Size inch										
	A	B	C	D	E	F	G	H	I	J	R
10K-25K	7.75	1.38	5.00	6.50	1.70	1.94	0.90	0.70	1.71	1.87	0.75
40K	10.25	1.93	6.39	8.50	2.12	2.44	1.12	0.81	1.97	2.34	1.00
50K-75K	10.25	1.93	6.39	8.50	2.64	2.94	1.37	1.06	2.43	2.84	1.00
100K-125K	15.24	3.15	8.94	12.75	3.43	3.86	1.80	1.62	2.91	3.73	1.50
200K	19.25	4.00	11.25	15.24	5.12	5.80	1.80	1.62	3.80	5.12	2.00



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