



Shear Beam Load Cell

# VLC-B100 / VLC-B100S

**APPLICATIONS**

- Tank Weighing
- Hopper Weighing
- Platform Scales

**WIRING**

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

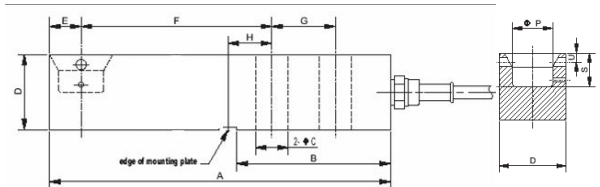
**CAPACITY (lb)**

250, 500



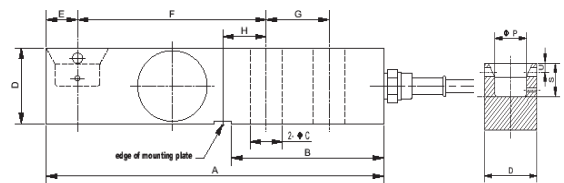
**SPECIFICATIONS**

Rated Output	2mV/V ± 0.2%
Non-Linearity	0.03% F.S.
Hysteresis	0.03% F.S. (VLC-B100) 0.05% F.S. (VLC-B100S)
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	385 ± 15Ω / 410 ± 15Ω
Output resistance	350 ± 3Ω
Safe overload	150% F.S.
Ultimate overload	300% F.S.
Excitation voltage	10VDC/AC
Max. Excitation voltage	15VDC/AC
Insulation resistance	≥ 2000MΩ
Environmental protection	IP67
Material	Alloy tool steel (VLC-B100) Stainless steel (VLC-B100S)
Cable length	20FT



**CAPACITY (klb)**

1, 2, 2.5, 4, 5



**DIMENSION**

Capacity (klb)	Size (inch)										
	A	B	C	D	E	F	G	H	P	S	U
0.25 - 5	5.37	2.42	0.51	1.18	0.50	3.00	1.00	0.68	7.09	0.59	0.16

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Dealer