



Compression Load Cell

VLC-A120 / VLC-A120S

APPLICATIONS

Tank weighing,
Hopper weighing,
Truck scale

STANDARD CAPACITY

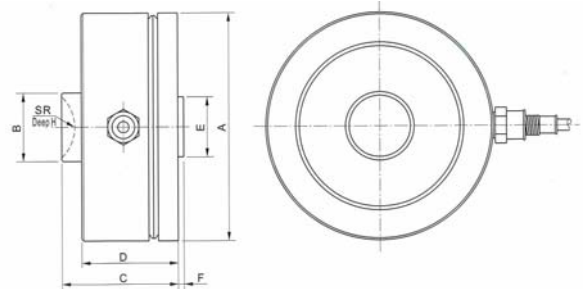
5K, 10K, 25K, 50K, 100Klb

WIRING

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

SPECIFICATIONS

Rated Output	4mV/V \pm 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	\pm 1%
Temp. effect span	15 PPM/ $^{\circ}$ C
Temp. effect zero	26 PPM/ $^{\circ}$ C
Operating Temp. range	- 20 $^{\circ}$ C ~ + 60 $^{\circ}$ C
Compensated Temp. range	- 10 $^{\circ}$ C ~ + 40 $^{\circ}$ C
Input resistance	385 \pm 15 Ω
Output resistance	350 \pm 5 Ω
Safe overload	150% F.S.
Ultimate overload	300% F.S.
Excitation voltage	10VDC/AC
Max. Excitation voltage	15VDC/AC
Insulation resistance	\geq 2000M Ω
Environmental protection	IP68
Material	Alloy tool steel (VLC-A120) Stainless steel (VLC-A120S)
Cable length	50FT

**DIMENSION**

Capacity	Size inch							
	A	B	C	D	E	F	H	SR
5K-15K	4.12	1.26	2.12	2.00	1.25	0.04	0.20	0.63
25K-50K	4.75	1.53	3.06	2.56	1.25	0.04	0.31	0.87
100K	5.51	1.98	3.39	3.14	1.25	0.04	0.31	0.98



Virtual Measurements & Control Inc

Virtual Measurements & Control Inc

3196 Coffey Lane, Suite 604, Santa Rosa, CA95403

Tel: (707) 573 3111 Fax: (707) 573 3113

Virtual Measurements & Control (Asia) Pte Ltd

24 Hillview Terrace, Singapore 669 235

Tel: (65) 6762 5522 Fax: (65) 6763 6656

Dealer: