

## VLC-121

### COMPRESSION DOUBLE-ENDED LOAD CELL

#### APPLICATIONS

Tank weighing,  
Truck scale



#### STANDARD CAPACITY

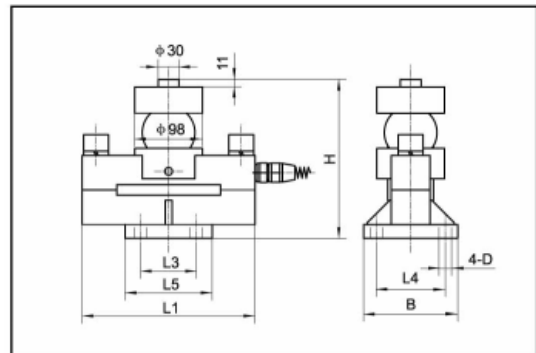
10T, 25T, 30T, 50T

#### WIRING

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

#### SPECIFICATIONS

Rated output	2mV/V $\pm$ 0.1%
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 / °C
Temp. effect zero	26 PPM / °C
Operating Temp. range	-20°C ~ +60°C
Compensated Temp. range	-10°C ~ +40°C
Input resistance	770 $\pm$ 40 $\Omega$
Output resistance	700 $\pm$ 5 $\Omega$
Safe overload	150% F.S.
Ultimate overload	300% F.S.
Excitation voltage	10VDC/AC
Max. Excitation voltage	30VDC/AC
Insulation resistance	$\geq$ 2000M $\Omega$
Environmental protection	IP67
Material	Alloy tool steel
Cable Length	50FT



#### DIMENSION

(mm)

Capacity	L1	L3	L4	L5	H	B	D
10T	240	80	100	126	199.9	136	Ø 18
25T, 30T	240	80	100	126	229.3	136	Ø 18
50T	340	124	124	160	261	160	Ø 22

\* Specifications are subject to change without prior notice

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