



Single Point Load Cell

# VLC-A138

**APPLICATIONS**

Single Point platform scale

Belt Conveyor

Bench scales

Check weighing

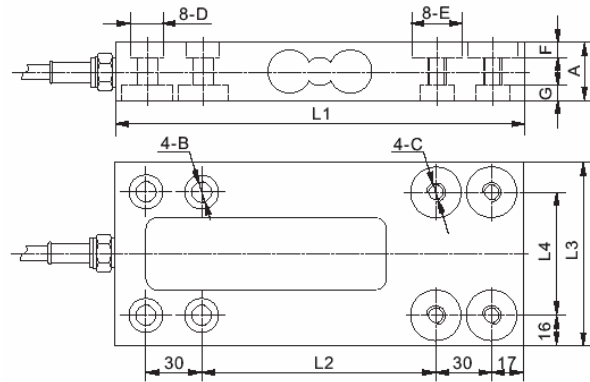
Hopper Scales

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

STANDARD CAPACITY
50, 100, 150, 300, 500kg
1000, 1200kg

RECOMMENDED MAX. PLATFORM SIZE
600mm x 800mm (50~500kg)
1000mm x 1200mm (1000~1200kg)

SPECIFICATIONS	
Rated Output	2mV/V ± 10%
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	385 ± 15Ω
Output resistance	350 ± 5Ω
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	Aluminum
Cable length	20FT



DIMENSION											
Capacity	Size mm										
kg	A	B	C	D	E	F	G	L1	L2	L3	L4
50-100	25.0	9.0	M8	18.0	18.0	8.0	8.0	200.0	110.0	80.0	56.0
150	27.0	11.0	M10	18.0	27.0	8.0	8.0	220.0	126.0	98.0	66.0
300	31.0	11.0	M10	18.0	27.0	8.0	8.0	220.0	126.0	98.0	66.0
500	36.0	11.0	M10	18.0	27.0	8.0	8.0	220.0	126.0	98.0	66.0
1000-1200	47.0	13.0	M12	22.0	27.0	10.0	10.0	220.0	126.0	98.0	66.0



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