



Cantilever Load Cell

VLC-106/VLC-106S

APPLICATIONS

Tank Weighing
Hopper Weighing
Platform Scales

WIRING

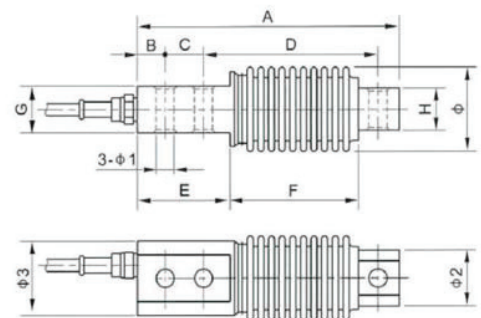
RED	Input (+)
BLACK	Input (-)
GREEN	Output (+)
WHITE	Output (-)

CAPACITY (kg)

10,20,30,50,100,200,300,1000

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/ $^{\circ}$ 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 / 410 $\pm$ 15 Ω
Output resistance	350 $\pm$ 3 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-A106) Stainless steel (VLC-A106S)
Cable length	50FT

**DIMENSIONS**

Capacity (kg)	Size (Inch)											
	A	B	C	D	E	F	G	H	Φ	Φ1	Φ2	Φ3
10-200	4.84	0.51	0.71	3.23	1.81	2.28	0.87	0.79	1.61	0.33	1.02	1.38
300-1000	8.27	0.60	1.57	5.24	3.58	2.60	1.34	0.98	2.20	0.51	1.42	1.97

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