



Cantilever Load Cell

VLC-A106 / VLC-A106S

APPLICATIONS

Tank weighing
Hopper weighing
Platform scales

STANDARD CAPACITY

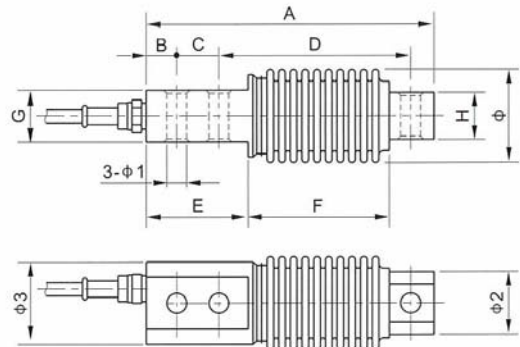
10, 20, 30, 50, 100, 200kg, 300-1000kg

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/ $^{\circ}$ 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-A106) Stainless steel (VLC-A106S)
Cable length	50FT

**DIMENSION**

Capacity Kg	Size mm											
	A	B	C	D	E	F	G	H	ϕ	$\phi 1$	$\phi 2$	$\phi 3$
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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