

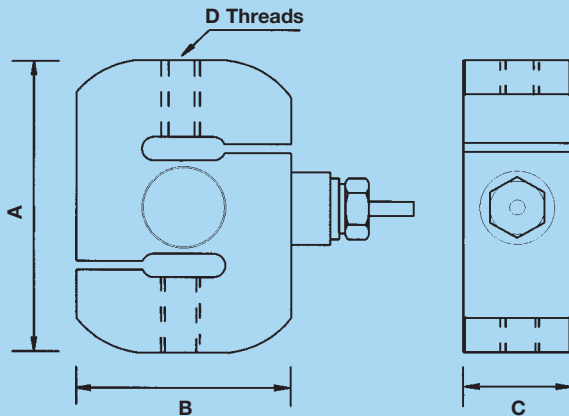
technical specification sheet

Series VC8600

Grade	Commercial	C1	C2	Units
Standard Load Ranges		250, 500, 1000, 5000, 10000*		kg
Full Load Output	2.0 (+/- 0.25%)	2.0 (+/- 0.2%)	2.0 (+/- 0.1%)	mV/V
Excitation Recommended		10		V
Excitation Maximum		15		V
Safe Service Load		150		%
Ultimate Load		300		%
Combined Error	< +/- 0.05	< +/- 0.05	< +/- 0.04	%
Repeatability		< +/- 0.01		%
V.min	N/A	E.Max/ 5,000	E.Max/ 10,000	
Output at Zero load		< +/- 2.0		%
Input Resistance	410 +/- 20	420 +/- 30	420 +/- 30	ohms
Output Resistance		350 +/- 2		ohms
Operational Temperature Range		-20 to +80		°C
Compensated Temperature Range		-10 to +40		°C
Temperature Coefficient on Zero	< +/- 0.005	< +/- 0.0025	< +/- 0.0014	%/°C
Temperature Coefficient on Span	< +/- 0.005	< +/- 0.0030	< +/- 0.0015	%/°C
Creep 30 mins (at 20°C)	< 0.0500	< 0.0500	< 0.0300	%
Environmental Protection		IP68		
Cable length		3 Standard. 5 Optional		m
Insulation		>500 at 100Vdc		M ohms

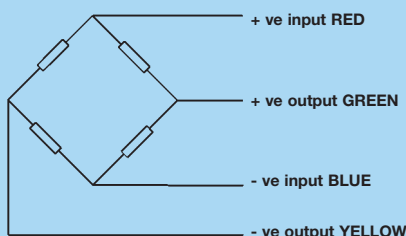
All percentages are related to Full Rated Load

*10,000kg not currently available as an approved unit



Capacity kg	A	B	C	D Threads
250, 500	70	50	24.5	M12 X 1.75P
1000, 2000	95	70	30	M20 X 1.5P
5000	120	100	45	M24 X 2P
10000	145	130	55	M30 X 2P

All dimensions in mm.



Electrical Connections

Via 4 core, 16 / 0.2 mm screened polyurethane cable.

Construction

17-4PH stainless steel. Fully welded.

Screen not connected to load cell body.

Our policy is one of continuous product enhancement. We therefore reserve the right to incorporate technical modifications without prior notification.

Distributed by

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HALMA
GROUP
COMPANY



Approval No: 925394

Series VC 8600

S-beam load cells for commercial weighing

capacities 250 kg to 10,000 kg



stainless steel load sensor

bi-directional loading capability

2.0 mV/V rationalised output

range of accessories available

fully welded construction sealed to IP 68

excellent long term stability

five year warranty

OIML IR 60 approval available

A range of Stainless steel "S" beam load cells approved for commercial weighing to OIML IR 60 2000 divisions. Welded construction ensures total environmental sealing coupled with excellent long term stability.

The VC8600 is also available with intrinsically safe certification EEx ia IIC T6 to CENELEC Standard EN50020 : 1995



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...your specialist load cell partner