

T20

Low profile load cell assembly for silo, tank and vessel weighing

capacities 2.5t to 30t



Stainless steel compression load sensor

Fully welded and hermetically sealed construction to IP68

Allows vessel expansion and contraction

Integral jacking facility

1000 division accuracy

Low profile, extremely compact loading assembly

Integral lift off prevention

Allowance for angular mis-alignment

5 year warranty

Durable and chemical resistant polyurethane cable

Vessel weighing problems solved simply and cost effectively. The T20 load cell is specifically designed as a reliable, simple, low cost solution for weighing of tanks, silos and vessels where level measurement is the main criteria.

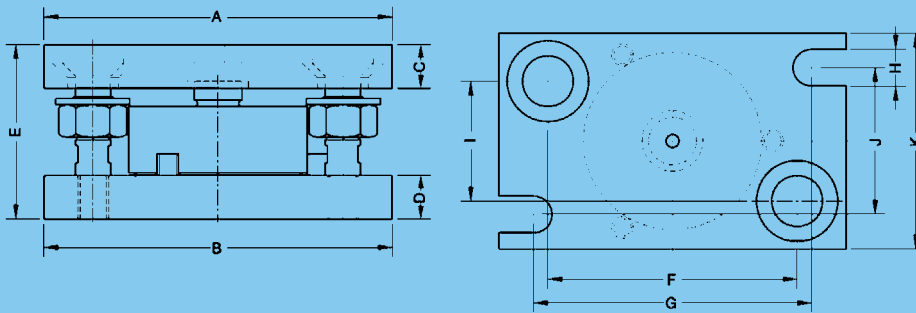
technical specification sheet

T20

	Accuracy Class		Units
Standard Load Ranges	2.5, 5, 10, 20, 30		t
Full Load Output	2.0 +/- 0.1%		mV/V
Excitation Recommended	10		V
Excitation Maximum	15		V
Safe Service Load	150		%
Ultimate Load	200		%
Maximum Lift Off	72	124	kN
Maximum Side Load	22	32	kN
Maximum Side Offset	+/-3	+/-3.5	mm
Combined Error	<+/- 0.05		%
Repeatability	<+/- 0.015		%
Output at Zero Load	+/- 2.0		%
Input Resistance	800 +/- 30		Ω
Output Resistance	700 +/- 5		Ω
Operational Temperature Range	-30 to +70		C
Compensated Temperature Range	-10 to +40		C
Temperature Coefficient on Zero	<+/- 0.002		%/C
Temperature Coefficient on Span	<+/- 0.0036		%/C
Environmental Protection	IP68		
Insulation	>5000		M Ω



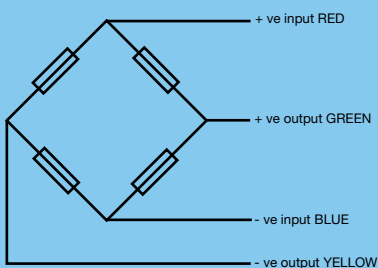
All percentages are related to Full Rated Load



Range (kg)	A,B	C,D	E	F	G	H	I	J	K
2.5, 5, 10	160	20	80	115	128	17	55.5	68	100
20, 30	218	25	100	168	180	21	100	100	150

All dimensions in mm.

Electrical Connections



4 core screened polyurethane cable

Cable length 10m

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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