

Series T66

Cantilever beam load cell for harsh industrial environments

capacities 10 kg to 300 kg



stainless steel load sensor

3000 divisions OIML R60 Class C

hermetically sealed, fully welded construction

5 year warranty

ease of installation

high integrity cable entry

sealed to IP68 (EN60529)

available in  version

This fully welded stainless steel load cell is hermetically sealed to IP68 and can be used in the harshest industrial environments. It is suitable for weighing platforms, bag fillers, belt weighers and tank weighing in the Food Processing, Chemical, Pharmaceutical and general Bulk Handling industries.



Thames Side - Maywood

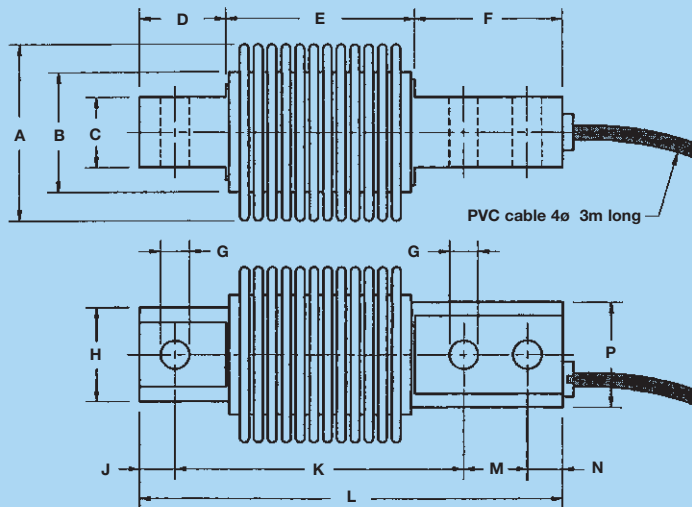
...your specialist load cell partner

technical specification sheet

Series T66

	Load Cell Capacities	Units
	20, 30, 50, 75, 100, 150, 200, 250 & 300kg	
Rated Output	2	mV/V ± 0.1%
Accuracy Class	3000	n.OIML
Combined Error	< ± 0.017	%*
Non-repeatability	< ± 0.015	%*
Creep (30 minutes)	< ± 0.016	%*
Temperature Effect on Zero Balance	< ± 0.01	%*/°C
Temperature Effect on Span	< ± 0.006	%*/°C
Compensated Temperature Range	-10 to +40	°C
Operating Temperature Range	-20 to +50	°C
Safe Overload	150	%*
Ultimate Overload	200	%*
Zero Balance	< ± 1	%*
Input Resistance	400	Ω ± 20
Output Resistance	350	Ω ± 3
Insulation Resistance	> 5000	MΩ @ 100V
Recommended Supply Voltage	10	V
Maximum Supply Voltage	15	V

*With respect to rated output



Range (kg)	øA	øB	C	D	E	F	øG	øH	J	K	L	M	N	øP
20 - 300	42	34	20	24.5	53.5	42	8.2	27	10	82	120	18	10	30

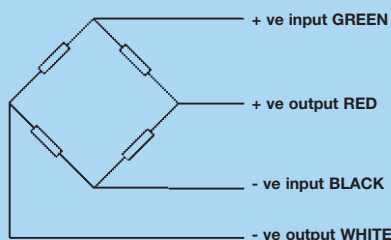
All dimensions in mm.

Note: Cell performance is characterised when tested in the optional loading assembly.

Electrical Connections

Via 4 core, 3m, 4mm dia., screened pvc cable.

Screen not connected electrically to load cell.



Nominal shipping weight = 1kg

Construction

Load cell manufactured from 17-4PH stainless steel heat treated to H900 condition - 1379N/mm² UTS.

Options

Anti Vibration Loading Assembly

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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