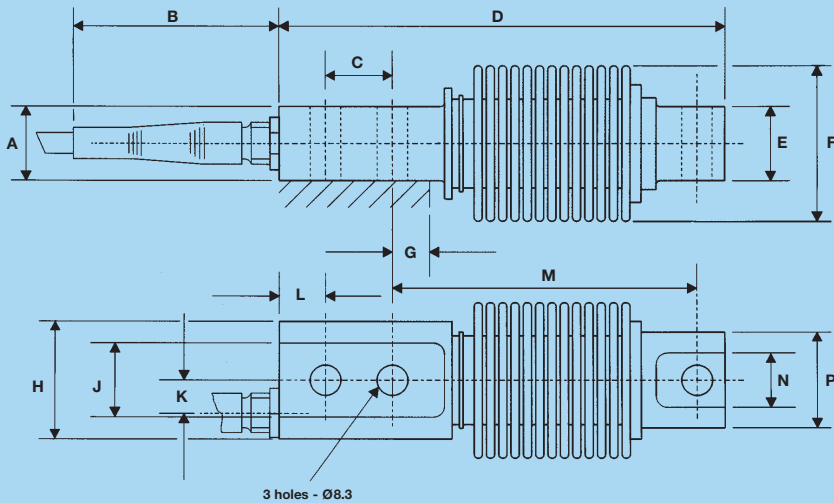


technical specification sheet

Series T66 LA

	Accuracy Class			Units
	0.05%	0.03%	C3	
Rated Output	2	2	2	mV/V ± 0.25%
Combined Error	< ± 0.05	< ± 0.03	In accordance with OIML R60	%*
Non-repeatability	< ± 0.01	< ± 0.01		%*
Creep (30 minutes)	< ± 0.03	< ± 0.025		%*
Temperature Effect on Zero Balance	< ± 0.0025	< ± 0.0015		%*/°C
Temperature Effect on Span	< ± 0.005	< ± 0.0015		%*/°C
Compensated Temperature Range	-10 to +40	-10 to +40		°C
Operating Temperature Range	-40 to +80	-40 to +80	-40 to +80	°C
Safe Overload	150	150	150	%*
Ultimate Overload	300	300	300	%*
Zero Balance	< ± 1	< ± 1	< ± 1	%*
Input Resistance	380	380	380	Ω ± 30
Output Resistance	350	350	350	Ω ± 1.5
Insulation Resistance	> 5000	> 5000	> 5000	MΩ @ 100V
Recommended Supply Voltage	10	10	10	V
Maximum Supply Voltage	15	15	15	V

*With respect to rated output



Range (kg)	A	B(max)	C	D	E	øF	G	øH	J	K	L	M	N	øP
20 - 200	20	80	18	120	20	42	10	32	25	9	12.5	82	15	25

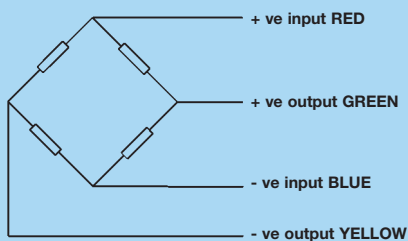
All dimensions in mm.

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

Electrical Connections

Via 4 core, 4m, 4mm dia., screened polyurethane cable.

Screen not connected electrically to load cell.



Nominal shipping weight = 1kg

Construction

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

Options

CENELEC approved cells (model T6006B)
M16 conduit adaptor for connecting additional cable protection.
Load cell only (model T66).

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

Distributed by

Thames Side - Maywood

Thames Side-Maywood Limited

17 Stadium Way, Reading

Berkshire RG30 6BX UK

Tel: +44(0)118 9458200

Fax: +44(0)118 9458225

E-mail: sales@thames-side.co.uk

Web: www.thames-side.co.uk

A
HALMA
GROUP
COMPANY



Approval No. 925394

Series T66 LA

Cantilever beam load cell for harsh industrial environments

capacities 20 kg to 200 kg



stainless steel load sensor and loading assembly

three accuracy classes available

fully welded construction sealed to IP 68

5 year warranty

ease of installation

high integrity cable entry

latest OIML C3 approval

CENELEC / BASEEFA approval to EEx ia IIC T6

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.

The load cell features a high integrity cable entry which provides a more effective long term moisture seal than traditional cable glands.

Three accuracy classes are available:-

1. OIML R60 (1991) C3 with 20% utilisation
2. 0.03% combined error
3. 0.05% combined error

They all come with intrinsically safe certification EEx ia IIC T6 to CENELEC Standard EN50020 : 1995.



Thames Side - Maywood

...your specialist load cell partner