

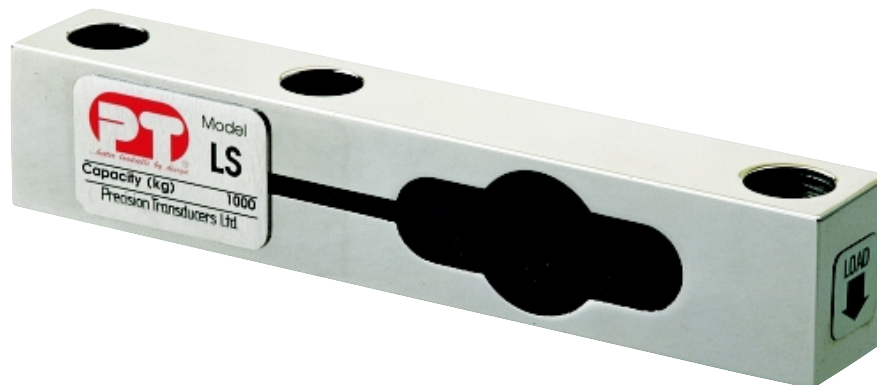
Model LS

LOW PROFILE SHEARBEAM

50kg~10t

APPLICATIONS

- Pallet & overhead scales
- Process weighing
- Inground weighing
- Tank & hopper weighing
- Light platforms



FEATURES

- Electroless nickel plated
- Fully encapsulated
- Robust tool steel construction
- Corrosion resistant
- 3 year warranty
- Sealed to IP65 standards
- ISO 9001 certified manufacturing facilities



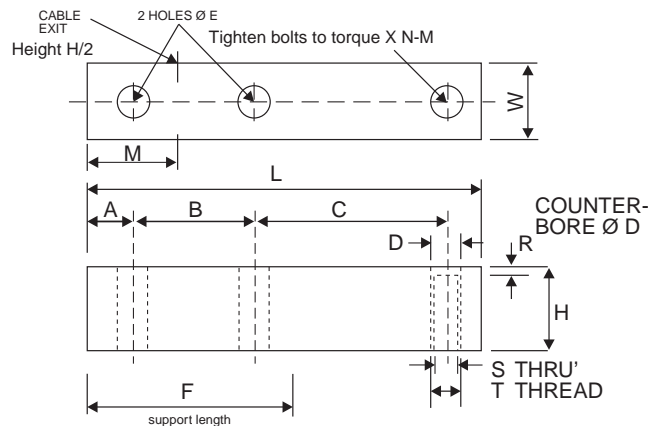
Model LS

LOW PROFILE SHEARBEAM

50kg~10t

Ordering Information

Capacity	Model
50kg	LS-50
100kg	LS-100
250kg	LS-250
500kg	LS-500
1000kg	LS-1000
2500kg	LS-2500
5000kg	LS-5000
10000kg	LS-10000



Cable Colour Code

Excitation	+ve	Red
Sense	+ve	Brown
Excitation	-ve	Black
Sense	-ve	Blue
Signal	+ve	Green
Signal	-ve	White

Cable Length

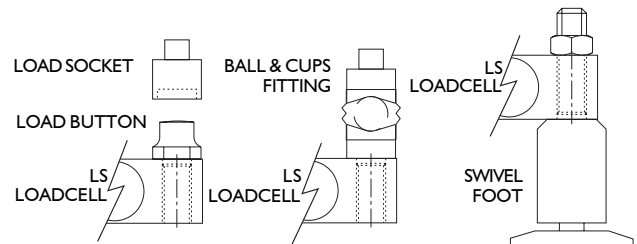
50kg-2.5t	3 Metres
5t-10t	5 Metres

Dimensions

Capacity	A	B	C	D	E	F	H	L	M	R	S	T	W	X
50kg	10	35	72	Ø12	Ø11	55	20	127	24	2	Ø10.3	M12 x 1.75	20	45
100kg	10	35	72	Ø12	Ø11	55	20	127	24	2	Ø10.3	M12 x 1.75	20	45
250kg	10	35	72	Ø12	Ø11	55	18	127	24	2	Ø10.3	M12 x 1.75	20	45
500kg	10	35	72	Ø12	Ø11	55	24	127	24	2	Ø10.3	M12 x 1.75	20	45
1000kg	10	35	72	Ø12	Ø11	55	24	127	24	2	Ø10.3	M12 x 1.75	20	45
2500kg	15	64	88	Ø20	Ø13	94	38	182	43	5	Ø13	None	25	75
5000kg	20	76	109	Ø30	Ø17	115	47.5	225	63	7.5	Ø17	None	35	210
10000kg	25	90	112	Ø40	Ø26	115	65	252	78	10	Ø26	None	48	710

Accessories

Part	50-1000kg	2.5t	5t	10t
Load Button	A-LBM12	A-LB20	A-LB30	A-LB40
Load Socket	A-LS20	A-LS20	A-LS30	A-LS40
Swivel Foot	A-SF	N/A	N/A	N/A
Ball and Cup	A-BC20	A-BC20	A-BC40	A-BC40
Complete Mount	MLS-1	MLS-2.5	MLS-5	MLS-10
Spherical Washers	A-SW8/20	A-SW12/20	A-SW16/30	A-SW20/40



Detailed dimension drawings for the above accessories are available at our web site

Specifications

Nominal capacity	50kg to 10000kg
Nominal output at capacity	2mV/V ± 0.1%
Factory calibration mode	Compression
Linearity error	0.017%
Repeatability	0.01%
Zero return, creep (30 mins)	0.015%
Temp. effect span/10 deg. C	0.01%
Temp. effect zero/10 deg. C	0.015%
Insulation resistance-brg. to gnd	> 5000 Mohms
Insulation resistance-cbl. to gnd	> 1000 Mohms

Compensated temp. range	-10° to 50° C
Output resistance	352.2 Ohms ± 0.1
Input resistance	410 Ohms nominal
Service load	100% of Rated Capacity
Safe load	150% of Rated Capacity
Mechanical failure	> 300% of Rated Capacity
Recommended excitation	5 Volts to 15 Volts AC or DC
Maximum excitation	15 Volts DC
Environmental protection	IP65 Standards

**All specifications are a maximum, as a % (±) of full load, unless otherwise stated.



Precision Transducers Ltd.

Sales & Product Information

P.O. Box 7205, Baulkham Hills, BC, NSW 2153, Australia

International	Fax +61 2 9680 7014	Phone +61 2 9680 7966
Australia	Fax 02 9680 7014	Phone 1800 777 866
New Zealand	Fax 0800 333 321	Phone 0800 543 210
Email	sales@precisiontransducers.com	

<http://www.precisiontransducers.com>



Certificate No. QS247.96

Due to Precision Transducer's policy of continuous development, these specifications are subject to change without notice.