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Model: LSB350 , 3000 lb , Tension & Compression Load Cell , Standard , Material - 17-4 PH S.S. , 1/2-20-Thread , 28 Awg 6 Conductor Shielded Retractable PVC Cable , 10 ft Long

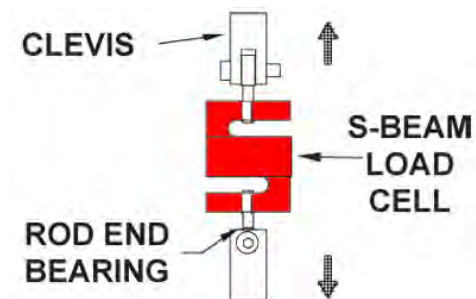
Features

The LSB350 **S Beam Load Cell** offers a compact design for platforms, silos, or scales. The Standard LSB350 S Beam Load Cell model has female threads, comes in both Anodized Aluminum (500 lbs – 1,000 lbs) and 17-4 Stainless Steel construction (2,000lbs), with 4 Pin Lemo Receptacle. It is also available in metric threads.

This **S Beam Load Cell** model has a high accuracy with a Nonlinearity of $\pm 0.05\%$, deflection of 0.003" nominal and an operating temperature of -60°F to 200°F . It can be modified or customized to meet your requirements and most capacities are in our inventory. Similar to our entire Load Cell product line this model is manufactured in the US and uses metal foil strain gauge technology.

Product Highlights:

- Available in both 17-4 Stainless Steel or Anodized Aluminum
- Optional 5 feet 28 Awg, 6 conductor shielded Polyurethane cable
- Matched output option available
- Metric Threads Available
- In both Tension & Compression
- Utilizes Metal Foil Strain Gauge Technology
- Weight: 7.5 oz (Aluminum) / 18 oz (Stainless Steel)



info@logicbus.com.mx

www.logicbus.com.mx

Alcalde #1822 Col. Miraflores C.P. 44270 Guadalajara, Jal. Mexico
MX 01 (33) 3854-5975 y 3823-4349 USA 001 (858)-869-5401 (Chula Vista, CA. Office)

Specifications

Name	Min	Typ	Max	Unit
Channel: 1				
Compensated Temperature	60		160	F
Creep	-.025		.025	% of Load
Excitation	1		20	Vdc
Hysteresis	-.05		.05	% of R.O.
Input Resistance		1060		Ohms nom.
Insulation Resistance	500			Mohms @ 50 Vdc
Nonlinearity	-.05		.05	% of R.O.
Nonrepeatability	-.05		.05	% of R.O.
Operating Temperature	-40		180	F
Output Resistance		1000		Ohms nom.
Safe Overload			150	% of R.O.
Temperature Shift Span	-.0008		.0008	% of Load/F
Temperature Shift Zero	-.001		.001	% of R.O./F
Zero Balance	-1		1	% of R.O.
Capacity			3000	lbs
Rated Output		2		mV/V nom.
Calibration Excitation		10		Vdc

Dimension	Value
Width (in)	1
Height (in)	3
Length (in)	2
Weight (lbs)	1
Weight (oz)	1.1