

SLH SERIES LOW HEIGHT S-TYPE LOAD CELLS

FEATURES

- Compact Size
- Tension and Compression
- Accuracy-.05%-.10% of R.O.
- Integral Cable
- 3pt Tension Calibration
- Proprietary Modulus Compensated Strain Gages



SPECIFICATIONS

PARAMETERS	Model Capacity	U.S. lbf.	SLH	
		Metric	10-300 50N-1.35kN	500, 1K 2.25kN, 4.5kN
ACCURACY				
Static Error Band, % Rated Output			+/-0.050	+/-0.100
Nonlinearity, % Rated Output			+/-0.050	+/-0.100
Hysteresis, % Rated Output			+/-0.050	+/-0.100
Nonrepeatability, % Rated Output			+/-0.030	+/-0.030
Creep, % in 20 minutes			+/-0.050	+/-0.050
Zero Balance, % Rated Output			+/-1.0	+/-1.0
TEMPERATURE				
Range, Compensated, °F			0 to +150	0 to +150
Range, Compensated, °C			-15 to +65	-15 to +65
Range, Operating, °F			-65 to +200	-65 to +200
Range, Operating, °C			-55 to +90	-55 to +90
Effect on Sensitivity, % Rdg/ °F			+/-0.0008	+/-0.0008
Effect on Sensitivity, % Rdg/ °C			+/-0.0015	+/-0.0015
Effect on Zero, % Rated Output/ °F			+/-0.005	+/-0.005
Effect on Zero, % Rated Output/ °C			+/-0.010	+/-0.010
ELECTRICAL				
Rated Output, mV/V, Nominal			2	2
Excitation Voltage, VDC Maximum			15	15
Input Resistance, Ohms			350	350
Output Resistance, Ohms			350	350
Insulation Resistance, Megohm			5000	5000
MECHANICAL				
Safe Overload Range, % Rated Capacity			+/-150	+/-150
Weight lb			0.15	0.15
Flexure Material			Aluminum	

DIMENSIONS

Model Capacity	SLH					
	10 lbf	50 N	25, 50, 100 lbf	115, 225, 450 N	200, 300, 500, 1K lbf	900N, 1.35kN, 2.25kN, 4.5kN
Dimensions	inch	mm	inch	mm	inch	mm
1.	.73	18.6	.73	18.6	.98	24.9
2.	1.80	45.7	2.00	50.8	2.12	53.8
3.	.52	13.2	.64	16.3	.90	22.9
4.	.34	8.6	.46	11.7	.72	18.3
5.	.90	22.9	1.00	25.4	1.06	26.9
6.	.50	12.7	.50	12.7	.57	14.5
7.	10 - 32 .20 Deep		1/4 - 28 .25 Deep		3/8 - 24 .38 Deep	

