

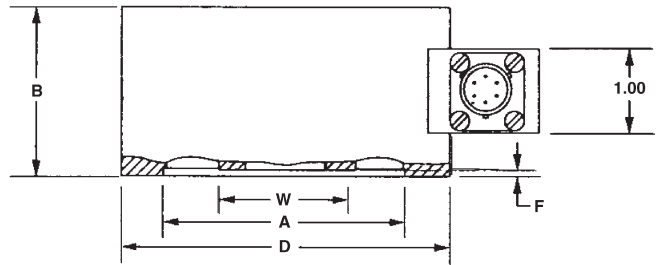
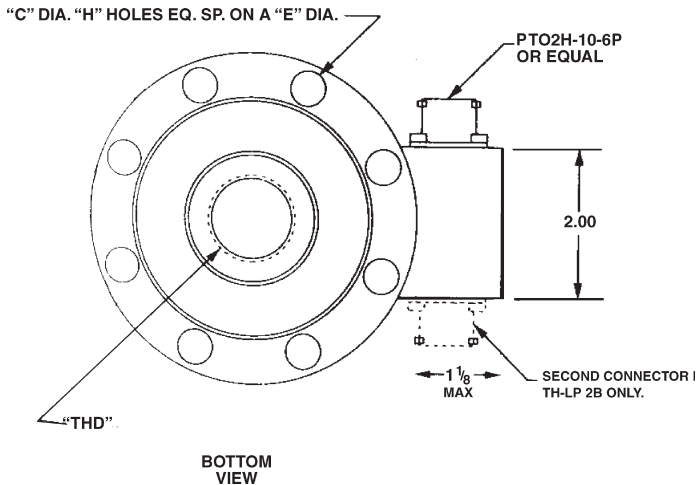
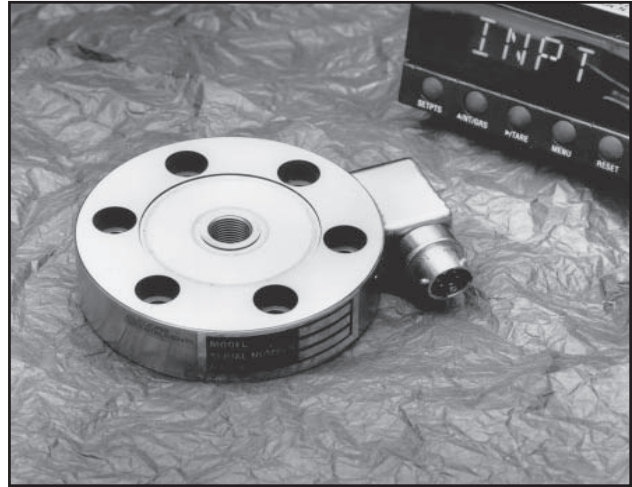
LGP 390 LOW PROFILE

The LGP 390 is a tension/compression load cell for applications requiring high accuracy and long life. Designed with a threaded thru-hole in the center and mounting holes on the outside diameter, the LGP 390 may be used for applications requiring a cell to last for a billion cycles. The LGP 390 is available with a dual bridge or it may be hermetically sealed for underwater applications. To achieve best results this cell should be mounted on a hard flat smooth surface.

- DUAL BRIDGE OPTION
- MODIFIED TEMPERATURE RANGES
- STAINLESS STEEL
- FATIGUE RATING AVAILABLE

SPECIFICATIONS

LOAD RANGES:	50 lb to 750,000 lb
LINEARITY:	0.10% FS
HYSTERESIS:	0.10% FS
REPEATABILITY:	0.10% FS
MATERIAL:	Stainless Steel
TEMP. RANGE:	60° to 160° F
OUTPUT:	3mv/v
BRIDGE RESISTANCE:	350 ohm
EXCITATION:	10 Vdc
SAFE OVERLOAD:	150% Over Capacity
CONNECTOR (Not Incl.)	PTO6A-10-6S



AVAILABLE RANGES

	A	B	C	D	E	F	T	W	H
50; 100; 250 lb	1.78	1.50	0.266	3.00	2.250	.02	3/8-24 UNF-2B	0.56	8
500; 1000; 2000; 3000 lb	2.48	1.50	0.266	3.50	2.875	.02	1/2-20 UNF-2B	0.87	8
5000; 7500 lb	2.84	1.50	0.266	3.75	3.250	.02	3/4-16 UNF-2B	1.21	8
10,000 lb	2.73	1.50	0.266	3.75	3.250	.02	3/4-16 UNF-2B	1.37	8
15,000; 20,000; 25,000 lb	2.95	2.00	0.406	4.00	3.500	.06	1-14 UNF-2B	1.53	8
30,000; 50,000 lb	4.45	3.00	0.531	7.00	5.625	.06	1 1/2-12 UNF-2B	3.05	8
75,000 lb	5.54	3.50	0.658	8.00	6.750	.08	1 3/4-12 UNF-2B	4.13	8
100,000 lb	6.66	4.00	0.781	9.50	8.000	.02	2-12 UNF-2B	4.34	8
150,000; 200,000 lb	7.22	4.00	1.030	11.00	9.250	.02	2 1/2-12 UNF-2B	4.90	8
300,000 lb	7.22	4.00	1.030	11.00	9.250	.02	3-12 UNF-2B	4.90	12
450,000; 500,000 lb	7.72	4.00	1.156	12.00	10.250	.02	3-1/2-8 UNF-2B	5.40	12
600,000; 750,000 lb	8.22	4.50	1.281	13.00	11.000	.02	4-8 UNF-2B	5.90	12