LZBS 1010 - BOLT FORCE SENSOR

he LZBS 1010 Bolt Force Sensor is essentially a hollow compression load cell designed to be used in fastener testing where the compression loading the sensor is induced by the tensile loading of the fastener for which it was designed. The LZBS 1010 consists of three piece assembly: both a large and small hardened and ground washer and a donut shaped load cell. The flat washers must be used to prevent damage to the load cell force sensor.

- LOW PROFILE
- STAINLESS STEEL
- ±3.5% ACCURACY

SPECIFICATIONS

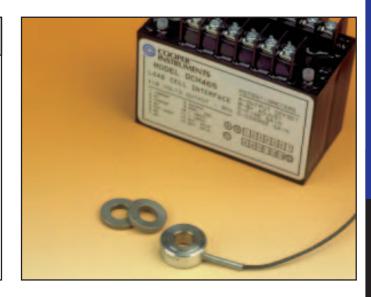
LOAD RANGES: 2000 lb to 100,000 lb

ACCURACY: ±3.5% F.S. Stainless Steel MATERIAL: 70° to 170° F TEMPERATURE RANGE: 2 mv/v **OUTPUT:**

BRIDGE RESISTANCE: 120 ohm **EXCITATION:** 10 Vdc

SAFE OVERLOAD: 130 % Over Capacity

CABLE:



AVAILABLE RANGES	Sensor			Washer			
	Bolt Size	A"	В"	C"	D"	E"	W"
2000; 5000 lb	1/4	1.000	.266	.187	.750	1.000	.062
10,000 lb	3/8	.750	.396	.187	.656	.750	.062
30,000 lb	1/2	1.000	.517	.250	.844	1.000	.078
50,000 lb	5/8	1.125	.644	.250	.968	1.125	.078
65,000 lb	3/4	1.500	.770	.375	1.218	1.500	.093
100,000 lb	1-1/2	2.625	1.533	.875	2.500	2.625	.125

