

LFS 242 - TENSION/COMPRESSION CELL

The LFS 242 is a low range load cell, which provides high accuracy for weighing or force measurement applications. This cell is made of aluminum, but is durable enough for most applications. The LFS 242 has 10-32 UNC threads on both ends of the transducer for easy installation.

- ALUMINUM CONSTRUCTION
- COMPACT SIZE
- HIGH ACCURACY

SPECIFICATIONS

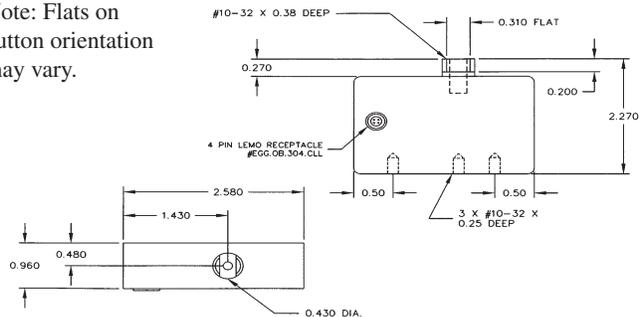
LOAD RANGES:	.25 lb to 100 lb
LINEARITY	±0.05%
HYSTERESIS:	±0.05%
REPEATABILITY:	±0.05%
MATERIAL:	Aluminum
TEMPERATURE RANGE:	60° to 160° F
OUTPUT:	2 mv/v
BRIDGE RESISTANCE:	1000 ohm
EXCITATION:	18Vdc Max
SAFE OVERLOAD:	150% of capacity
CABLE:	Connector & cable assembly optional - 10 Ft standard

AVAILABLE RANGES

.25, .5, 1, 2.2, 5, 10, 25, 50, 100 lbs.



Note: Flats on button orientation may vary.



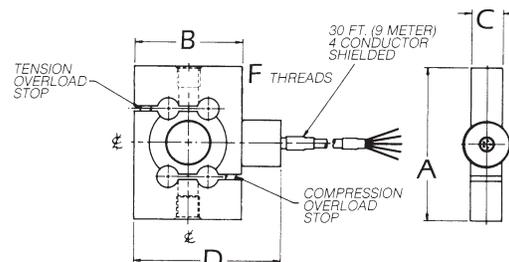
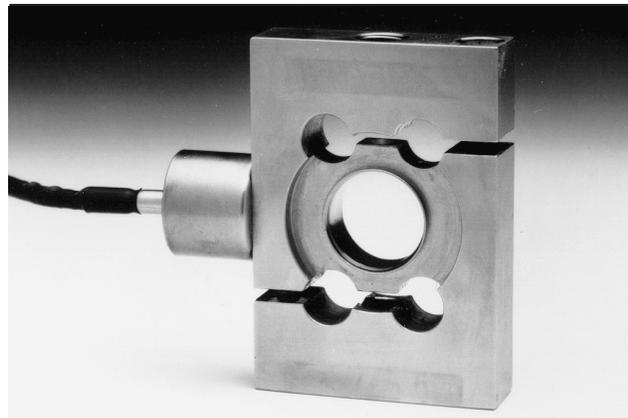
LFS 250 - HERMETICALLY SEALED S-BEAM

The LFS 250 is a dual cantilevered, hermetically sealed, stainless steel beam load cell. This cell is designed for both tension and compression and harsh environments, where other cells will not work. It is capable of withstanding significant side load without physical damage. The LFS 250 uses proven sealing techniques that provide superior waterproofing and combines welded metal seals and a water block cable entry system which will resist leakage.

- 100 TO 10,000 LBS
- WELDED STAINLESS STEEL
- EXCEEDS NEMA 6 FOR WASHDOWN

SPECIFICATIONS

LOAD RANGES:	100 to 10,000 lbs
ACCURACY:	0.03% F.S.
REPEATABILITY:	0.01% F.S.
MATERIAL:	Stainless Steel
TEMPERATURE RANGE:	0° to 150° F
OUTPUT:	3 ±.003 mv/v
BRIDGE RESISTANCE:	350 ohm
EXCITATION:	15Vdc Max
SAFE OVERLOAD:	150% F.S.
CABLE:	30 Ft



AVAILABLE RANGES

	A"	B"	C"	D"	F"
100, 250 lb	3.32	2.48	0.94	3.36	3/8-24 UNF
500 lb	3.50	2.44	0.71	3.32	1/2-20 UNF
1000 lb	3.50	2.94	0.71	3.81	1/2-20 UNF
2500 lb	3.75	2.44	0.95	3.31	1/2-20 UNF
5,000, 10,000 lb	4.75	2.44	1.44	3.31	1-14 UNS