

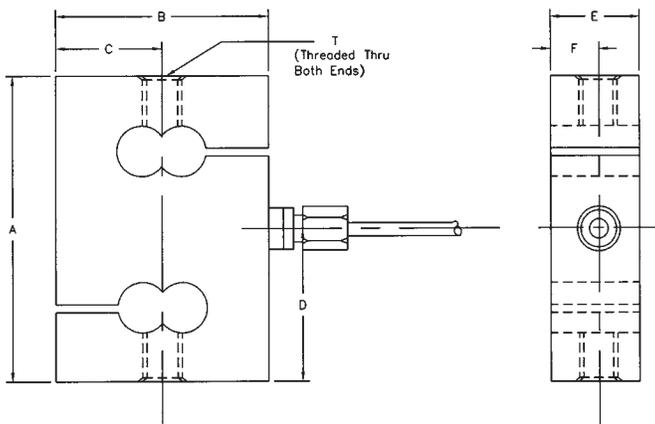
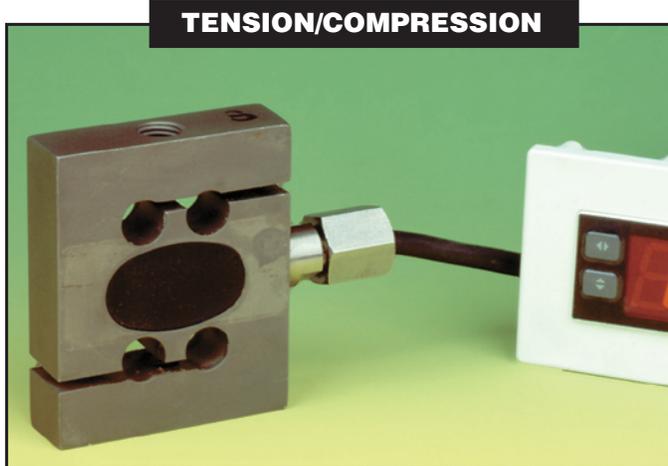
LFS 230 - UNIVERSAL BEAM LOAD CELL

The model LFS 230 Universal Beam is designed for tension/compression force measurements and features the proven bending beam construction for high performance at a low cost. Adverse side loads which would destroy "can" type load cells are tolerated by the LFS 230. Matched outputs are also available.

- **COMPACT, WATERTIGHT**
- **MIN. SIDE LOAD ERROR**
- **ALL MODELS IN STOCK**
- **ACCURACY $\pm 0.03\%$ F.S.**

SPECIFICATIONS

| | |
|-----------------------|--------------------|
| LOAD RANGES: | 50 lb to 10,000 lb |
| LINEARITY/HYSTERESIS: | $\pm 0.03\%$ F.S. |
| REPEATABILITY: | $\pm 0.01\%$ F.S. |
| MATERIAL: | Stainless Steel |
| TEMPERATURE RANGE: | 15° to 104° F |
| OUTPUT: | 2 mV/V |
| BRIDGE RESISTANCE: | 350 ohm |
| EXCITATION: | 18 Vdc Max. |
| SAFE OVERLOAD: | 150% of Capacity |
| CABLE: | 25 FT. |



| AVAILABLE RANGES | T-Thread | A" | B" | C" | D" | E" | F" |
|----------------------------------|---------------|------|------|------|------|------|-----|
| 50; 100; 200; 300 lb | 3/8-24 UNF-2B | 2.44 | 2.00 | 1.00 | 1.22 | .59 | .29 |
| 500; 750; 1,000; 2,000; 3,000 lb | 1/2-20 UNF-2B | 3.44 | 2.25 | 1.12 | 1.72 | .94 | .47 |
| 5,000 lb | 3/4-16 UNF-2B | 3.94 | 2.75 | 1.38 | 1.97 | 1.19 | .59 |
| 10,000 lb | 3/4-16 UNF-2B | 3.94 | 3.00 | 1.50 | 1.97 | 1.44 | .72 |

LOAD CELLS

COOPER INSTRUMENTS & SYSTEMS