

LFS 270 - MINIATURE S-BEAM LOAD CELL

The LFS 270 is a miniature tension/compression load cell. This load cell offers a unique combination of compact size, with a high overload capacity rating of 1000% of full scale. The LFS 270 has two threaded #4-40 mounting holes on either end for easy installation.

- TENSION/COMPRESSION
- .75 INCH OVERALL HEIGHT
- ALUMINUM BODY
- BUILT IN OVERLOAD PROTECTION

SPECIFICATIONS

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| LOAD RANGES: | 10 grams to 100 lbs. |
| LINEARITY: | ± 0.1% F.S. |
| HYSTERESIS: | ± 0.1% F.S. |
| REPEATABILITY: | ± 0.05% F.S. |
| MATERIAL: | 100 grams to 10 lbs. - Aluminum 25 lbs. and up - Stainless Steel |
| TEMPERATURE RANGE: | 60° to 160° F |
| OUTPUT: | .5 mv/v - 10 grams 1 mv/v - 20 grams 2 mv/v - 50 grams to 100 lbs. |
| BRIDGE RESISTANCE: | 1000 ohm - 10 to 250 grams 350 ohm - 1 to 100 lbs. |
| EXCITATION: | 5 Vdc |
| SAFE OVERLOAD: | 1000% of rated load 200% - 50 to 100 lbs. |
| CABLE: | 5 Ft. |
| WEIGHT: | 9 grams (100 grams to 10 lbs.) 26 grams (25 to 100 lbs.) |



AVAILABLE RANGES

10g, 20g, 50g, 100g; 250g
1; 2; 5; 10; 25; 50; 100 lbs

