

MINI LOW PROFILE LOAD CELL UNIVERSAL / TENSION OR COMPRESSION

MLP SERIES LOAD CELL

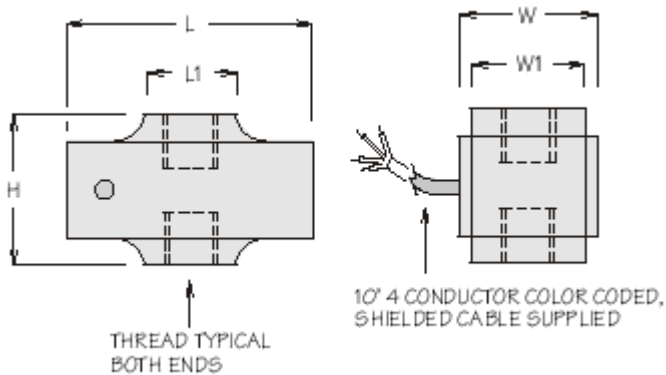
CAPACITY RANGES:
10, 25, 50, 75, 100, 150,
200, 300, 500, 750, 1,000 LBS.



The model MLP Series load cells were designed with economy as first priority. They are a scaled down version of our successful LPO Series Load Cells. MLP-10 through MLP-300 are anodized aluminum and the MLP-500 through MLP-1K are made from 17-4ph heat treated stainless steel. The unique low profile design of the MLP Series provides excellent stability for in line applications for tension and/or compression, while saving space at the same time.

Options

- CO Mini Gold Pin Connector System, male and female with 10' 4 cond. color coded shielded cable
- DB Dual Bridge



SPECIFICATIONS

- Rated Output (R.O.): 2 mV/V nominal
- Nonlinearity: 0.1% of R.O.
- Hysteresis: 0.1% of R.O.
- Nonrepeatability: 0.05% of R.O.
- Zero Balance: 1.0% of R.O.
- Compensated Temp. Range: 60° to 160°F
- Safe Temp. Range: -65° to 200°F
- Temp. Effect on Output: 0.005% of Load/°F
- Temp. Effect on Zero: 0.005% of R.O./°F
- Terminal Resistance: 350 ohms nominal
- Excitation Voltage: 10 VDC
- Safe Overload: 150% of R.O.

DIMENSIONS (INCHES)

MODEL	CAPACITY LBS.	L	L1	mWm	W1	H	THREAD	THREAD DEPTH	NATURAL RINGING FREQUENCY HZ	DEFLECTION INCHES	WT. OZS.
MLP-10	10	1.504	.600	.54	.375	.750	10-32	.200	2,175	.003	.5
MLP-25	25	1.521	.600	.66	.500	.750	1/4-28	.230	2,200	.003	.7
MLP-50	50	1.584	.625	.66	.500	.750	1/4-28	.230	2,500	.003	.7
MLP-75	75	1.640	.650	.66	.500	.750	1/4-28	.230	2,800	.003	.8
MLP-100	100	1.664	.660	.66	.500	.750	1/4-28	.230	4,500	.003	.8
MLP-150	150	1.642	.575	.93	.750	1.00	3/8-24	.375	4,500	.003	1.3
MLP-200	200	1.688	.580	.93	.750	1.00	3/8-24	.375	5,200	.003	1.4
MLP-300	300	1.748	.600	.93	.750	1.00	3/8-24	.375	5,200	.003	3.0
MLP-500	500	1.658	.580	.93	.750	1.00	3/8-24	.375	5,200	.003	3.0
MLP-750	750	1.734	.585	.93	.750	1.00	3/8-24	.375	5,200	.003	3.0
MLP-1K	1,000	1.784	.615	.93	.750	1.00	3/8-24	.375	5,200	.003	3.0