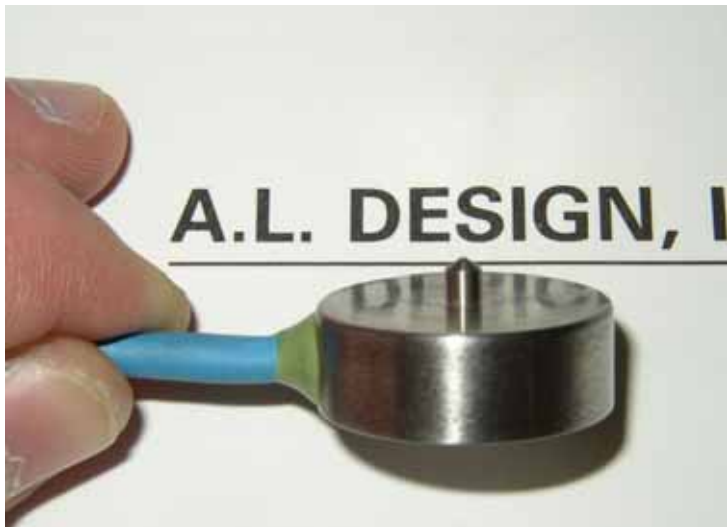


ALD-MLD

THE A.L. DESIGN MLD-MINATURE DISC LOAD CELL



SPECIFICATIONS:

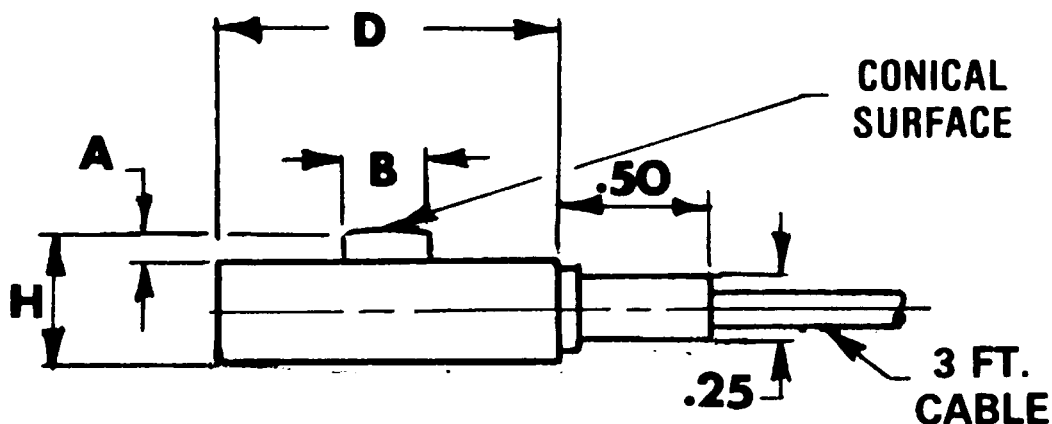
Output Resistance:	350Ω (Nominal)
Input Resistance:	350Ω (Nominal)
Excitation:	10 VDC or AC
Sensitivity:	2mV/V (Nominal)
Non-linearity:	±0.15% F.S.
Hysteresis:	±0.15% F.S.
Compensated Temp. Range:	15°F to 150°F
Safe Overload:	150% Rated Capacity
Ultimate Overload:	250% Rated Capacity
Zero Balance:	Better than 1% F.S.

A.L. Design, Inc. offers a small load cell design. It is useful in a wide variety of applications with minimum space and high capacity requirement. Excellent long-term stability and reliability over rugged operating conditions are realized by this miniature load cell. High quality strain gages and precision gages techniques assure excellent operating characteristics.

Available in a compression only model, the A.L. Design, Inc. Miniature Load Cell can be equipped with all of the basic features of large load cells including: mechanical overload stops, stabilizing diaphragms, precision calibration, and pressure compensation. High temperature options are available up to 400°F or even higher for special designs. Special low temperature options are also available down to 4°K.

Load Range	Linearity & Hysteresis	D	B	H	A	Strain Gage
50, 150, 250, 500, & 1000 g	±0.15% F.S.	1.00"	0.05"	0.50"	0.05"	350Ω Foil
5, 10, 25, 50, 100 lb	±0.10% F.S.	1.00"	0.125"	0.50"	0.15"	350Ω Foil
250, 500, 1000 lb	±0.15% F.S.	1.00"	0.18"	0.50"	0.15"	350Ω Foil

Note: If capacity is 1000 grams or less, the material is aluminum



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