

ALD-PT-LM

A.L. Design, Inc. Pressure Transducer

A.L. Design, Inc. offers a low cost pressure transducer that is designed for high volume applications. Its unique construction features standard bonded metal foil strain gages on a stainless steel diaphragm, affording outstanding stability and repeatability. The unitized body design enables the transducer to withstand ultra high pressures.

Although lead wires are standard, electrical connectors are offered as an option. Metal seals can also be provided for use in various industrial applications.

While available in an output of 2mV/V, the transducer may be amplified as high as 0 to 10 VDC.

The A.L. Design, Inc. pressure transducer provides versatility, accuracy, and economy.

SPECIFICATIONS	MODEL LM
Pressure Ranges (PSI)	0 to 300, 500, 750, 1000, 1500, 2000, 3000, 5000, 7500, 10000
Output	2mV/V (Nominal)
Input Volts	10 VDC (350Ω Bridge)
Accuracy (includes linearity, hysteresis, repeatability)	0.4% (Nominal)
Temperature Range	-65°F to 250°F
Compensated Temperature Range	15°F to 160°F
Temperature Effect on Zero	0.01% F.S./°F
Temperature Effect on Span	0.02% F.S./°F
Safe Overload	150%
Weight	8 oz
Length, "L"	1.5"
Diameter, "D"	0.6"

