

LOAD DISH - MODEL ALD-LD

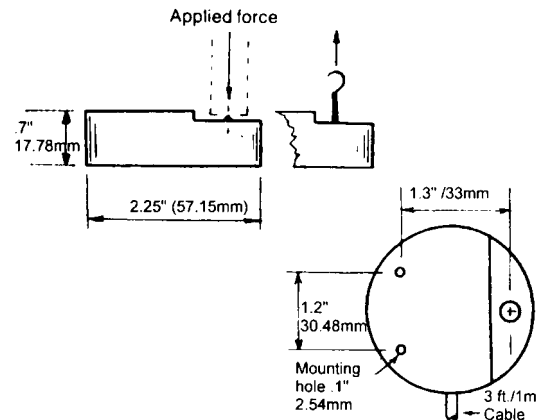
A LOW CAPACITY LOAD CELL

This load cell is offered in load ranges of 1 oz to 100 lb (0.30 g to 50 Kg), with four arm Wheatstone Bridge bonded to the sensing element.

Specifications:

Load ranges:	1 oz to 100 lb (30 g to 50 Kg)
Excitations:	10 VDC or AC
Output:	2mV/V (Nominal)
Bridge Resistance:	350Ω
Temp. Range:	15°F to 150°F (-10°C to 65°C) Compensated
Overload:	Cannot be overloaded under normal usage
Non-Repeatability:	±0.15% F.S.
Hysteresis:	±0.15% F.S.
Zero Shift:	±0.15% F.S.

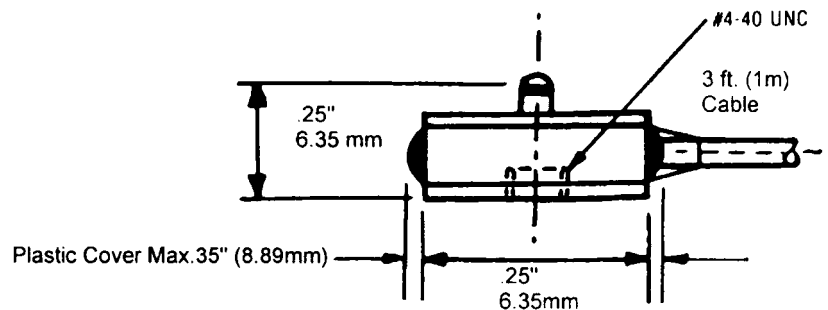
For best results use an amplifier when the load range is under 10 lb.



ALD-MICRO-LOAD CELL: 1/4" DIA., 1/4" HIGH



This tiny loadcell has a full four arm internal Wheatstone bridge using bonded strain gages with excellent stability and reliability.



Specifications:

Range:	1, 2, 5, 10, 50, 100, 200 lb (0.5, 1, 2.5, 5, 10, 25, 50, 100 Kg)
Overload:	150% F.S.
Excitations:	5 to 10 VDC
Output:	1 to 2mV/V (Nominal)
Bridge:	350Ω
Temp. Range:	15°F to 150°F (-10°C to 65°C) Compensated
Non-Linearity:	±0.1% F.S.
Non-Repeatability:	±0.1% F.S.
Hysteresis:	±0.1% F.S.
Zero Balance:	external required
Material:	17-4PH Stainless Steel
High Temp. Option:	400°F (204°C)
Low Temp. Option:	-350°F

For best results use an amplifier when the load range is under 10 lb.

A.L. Design, Inc. 1411 Military Road • Buffalo, NY 14217-1395
 Phone (716) 875-6240 • Fax (716) 875-2404
<http://www.aldesigninc.com>