

# PLATFORM LOAD CELL FOR WASHDOWN APPLICATIONS STANDARD AND METRIC MODELS

## LCAD/LCMAD Series Compression

0-50 lb to 0-1000 lb  
0-25 kgf to 0-500 kgf

1 Newton = 0.2248 lb  
1 daNewton = 10 Newtons  
1 lb = 454 g  
1 t = 1000 kgf = 2204 lb

Starts at  
**\$495**



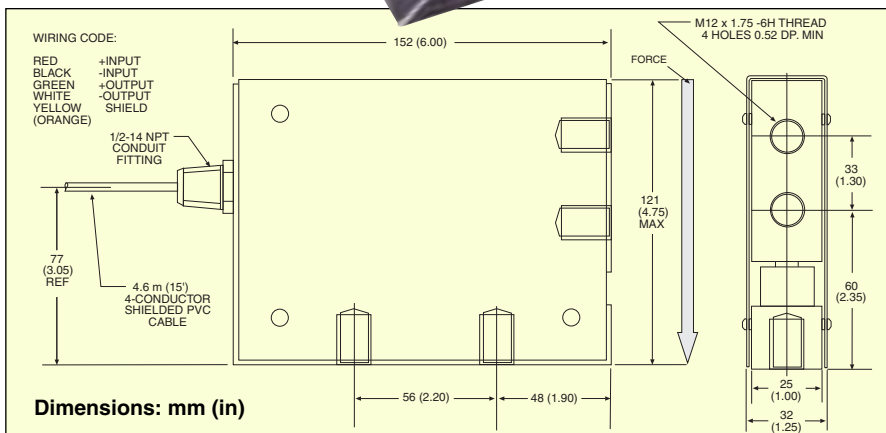
Standard

**STANDARD**  
LCAD-250, \$495,  
shown much  
smaller than  
actual size.



- ✓ Hermetically Sealed for Washdown Applications
- ✓ All Stainless Steel Construction
- ✓ High 0.02% Linearity FSO
- ✓ Low 0.03% Creep FSO
- ✓ Heavy-Duty Construction for Weighing Applications
- ✓ Built-In Overload Stops

The LCAD Series platform load cells are hermetically sealed and designed for applications such as industrial food processing and weighing and automated weighing stations, in which high accuracy and watertightness are important. The all stainless steel construction and rugged design give the LCAD high accuracy and high reliability even in washdown areas.



**Ultimate Overload:** 500% of capacity (compression only)  
**Input Resistance:** 370 Ω minimum  
**Output Resistance:** 350 ±3.5 Ω

**Construction:** 17-4 PH stainless steel  
**Electrical:** 4.6 m (15') 4-conductor shielded PVC cable

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)				
CAPACITY	MODEL NO.	PRICE	COMPATIBLE METERS*	
<b>STANDARD MODELS</b>				
23 kgf 50 lb	<b>LCAD-50</b>	<b>\$495</b>	DPiS, DP41-S, DP25B-S	
45 kgf 100 lb	<b>LCAD-100</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	
114 kgf 250 lb	<b>LCAD-250</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	
227 kgf 500 lb	<b>LCAD-500</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	
341 kgf 750 lb	<b>LCAD-750</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	
455 kgf 1000 lb	<b>LCAD-1K</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	
<b>METRIC MODELS</b>				
25 kgf 55 lb	<b>LCMAD-25</b>	<b>\$495</b>	DPiS, DP41-S, DP25B-S	
50 kgf 110 lb	<b>LCMAD-50</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	
250 kgf 550 lb	<b>LCMAD-250</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	
500 kgf 1100 lb	<b>LCMAD-500</b>	<b>495</b>	DPiS, DP41-S, DP25B-S	

Comes complete with 5-point NIST-traceable calibration and 59 kΩ shunt data.

\* See section D for compatible meters.

**Ordering Examples:** LCAD-50, 50 lb capacity hermetically sealed platform load cell with 4.6 m (15') cable, \$495.

LCMAD-50, 50 kgf capacity hermetically sealed platform load cell with 4.6 m (15') cable, \$495.

## SPECIFICATIONS

**Output:** 2.1 mV/V ±0.1mV/V  
**Excitation:** 10 Vdc (15V max)  
**Linearity:** ±0.02% FSO  
**Hysteresis:** ±0.02% FSO  
**Repeatability:** ±0.02% FSO  
**Creep:** ±0.03% FSO (20 min)  
**Zero Balance:** ±2.0% FSO  
**Operating Temp Range:** -51 to 93°C (-60 to 200°F)  
**Protection Class:** IP68  
**Compensated Temp Range:** 16 to 71°C (60 to 160°F)  
**Thermal Effects:**  
**Zero:** ±0.0015% FSO/°F  
**Span:** ±0.0008% rdg/°F  
**Overload to Stops:** 225% of capacity (compression only)

LOAD CELLS **F**