



Inquire About Next Day Delivery!
Buy Online or Call 800-344-3965

[My Account](#) | [My Cart](#) | [My Order Status](#)

[Home](#) [Company](#) [Products](#) [Support](#) [Contact Us](#)

[Search Store](#)



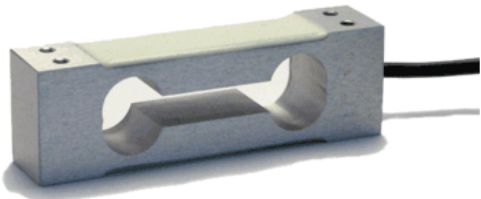
LOW CAPACITY SINGLE POINT LOAD CELLS

LSP SERIES



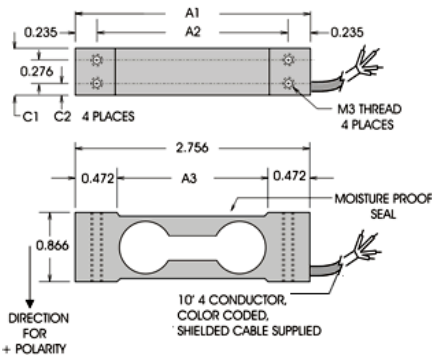
CAPACITY RANGES:
1, 2, 5, 10 Kg.

The LSP Series is a low capacity, low cost, high accurate single point load cell. It is ideal for OEM applications such as electronic scales and weighing machines. The single point design is highly resistant to eccentric loading allowing direct mounting to the scale base and weighing platform. The LSP Series features a moisture proof sealant.



SPECIFICATIONS

- Rated Output (R.O.)
 - Range 1Kg: 1.0 mV/V nominal
- Rated Output (R.O.)
 - Ranges 2,5, and 10Kg: 1.5 mV/V nominal
- Nonlinearity: 0.02% of R.O.
- Hysteresis: 0.02% of R.O.
- Nonrepeatability: 0.02% of R.O.
- Zero Balance: ±5% of R.O.
- Compensated Temp. Range: 14° to 104°F
- Safe Temp. Range: 14°F to 140°F
- Temp. Effect on Output: 0.0022 of Load/°F
- Temp. Effect on Zero: 0.0022% of R.O./°F
- Terminal Resistance: 350 ohms nominal
- Excitation Voltage: 10 VDC (15 VDC max)
- Safe Overload: 150% of R.O.
- Max. Weighing
- Platform Size: 7.87" x 7.87"



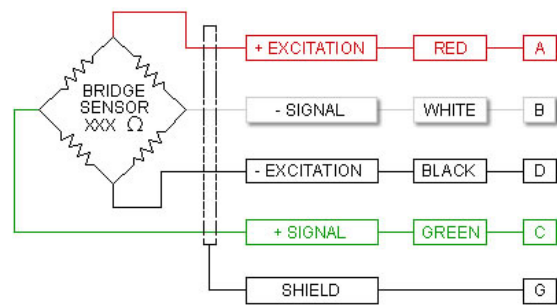
DIMENSIONS (INCHES)

MODEL	CAPACITY Kg.	CAPACITY LBS.	RATED OUTPUT	A1	A2	A3	C1	C2
LSP-1	1	2.2	1.0	2.760	2.284	1.800	0.590	0.160
LSP-2	2	4.4	1.5	2.760	2.284	1.800	0.590	0.160
LSP-5	5	11.0	1.5	2.760	2.284	1.800	0.590	0.160
LSP-10	10	22.0	1.5	2.760	2.284	1.800	0.590	0.160

Wiring Color Code (WCC1)

4 Conductor

Internal Temperature Compensation and Balance Network Not Shown



CAL-TEDS Plug & Play Option

AD9 (9 PIN "D" Series) Connector attached to the end of a Load Cell or Torque sensor cable with a TEDS (Transducer Electric Data Sheet) EEPROM. Used with a Smart Plug & Play IEEE 1451.4 Compliant instrument, (shown on right), the Load Cell and Instrument will self calibrate. This option is a real time saver.

>> [Learn more about Plug & Play Smart Sensors](#)



SSI LOAD CELL DISPLAY
SMART PLUG & PLAY HAND-HELD INDICATOR WITH DATA LOGGING
IEEE 1451.4 COMPLIANT
\$675
[>> More info](#)



DPM-3 LOAD CELL DISPLAY
SMART PLUG & PLAY DIGITAL PANEL MOUNT LOAD CELL METER
IEEE 1451.4 COMPLIANT
\$395
[>> More info](#)

Order Code Model	Capacity Range	Description	Price	Quantity	Add to Cart
LSP-1	1 Kg	Low Single PT Load Cell	\$110	<input type="text" value="1"/>	Buy Now
LSP-2	2 Kg	Low Single PT Load Cell	\$110	<input type="text" value="1"/>	Buy Now
LSP-5	5 Kg	Low Single PT Load Cell	\$110	<input type="text" value="1"/>	Buy Now
LSP-10	10 Kg	Low Single PT Load Cell	\$110	<input type="text" value="1"/>	Buy Now
Options					
CAL-TEDS	N/A	Plug & Play Option with Connector	\$55	<input type="text" value="1"/>	Buy Now