

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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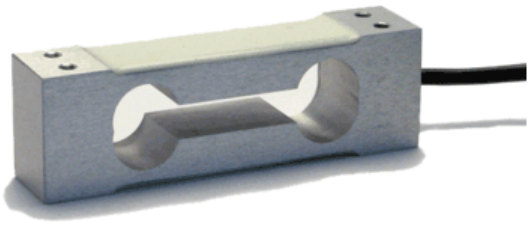
LOW CAPACITY SINGLE POINT BENDING BEAM LOAD CELLS

LSP SERIES

MADE IN USA

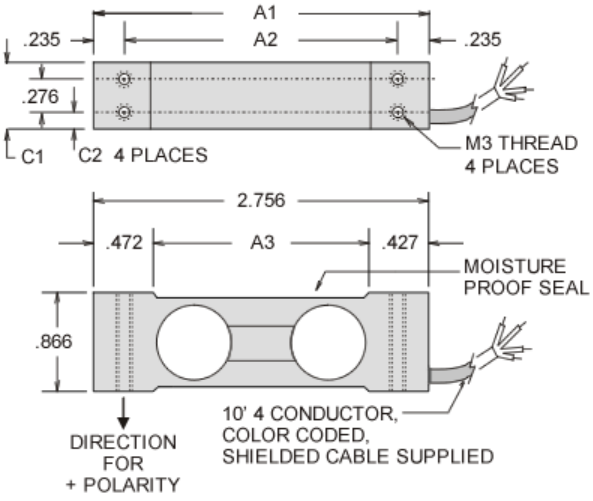
CAPACITY RANGES:
1, 2, 5,10 Kg.

The LSP Series is a low capacity, low cost, high accurate single point bending beam 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°F 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"



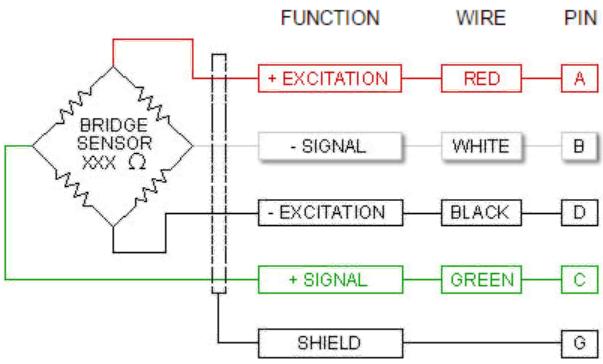
Dimensions in Inches

Model	Capacity Kg.	Capacity lb	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



OPT-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 Electronic 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. Read additional article...



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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