

HEAVY DUTY SHEAR BEAM LOAD CELLS

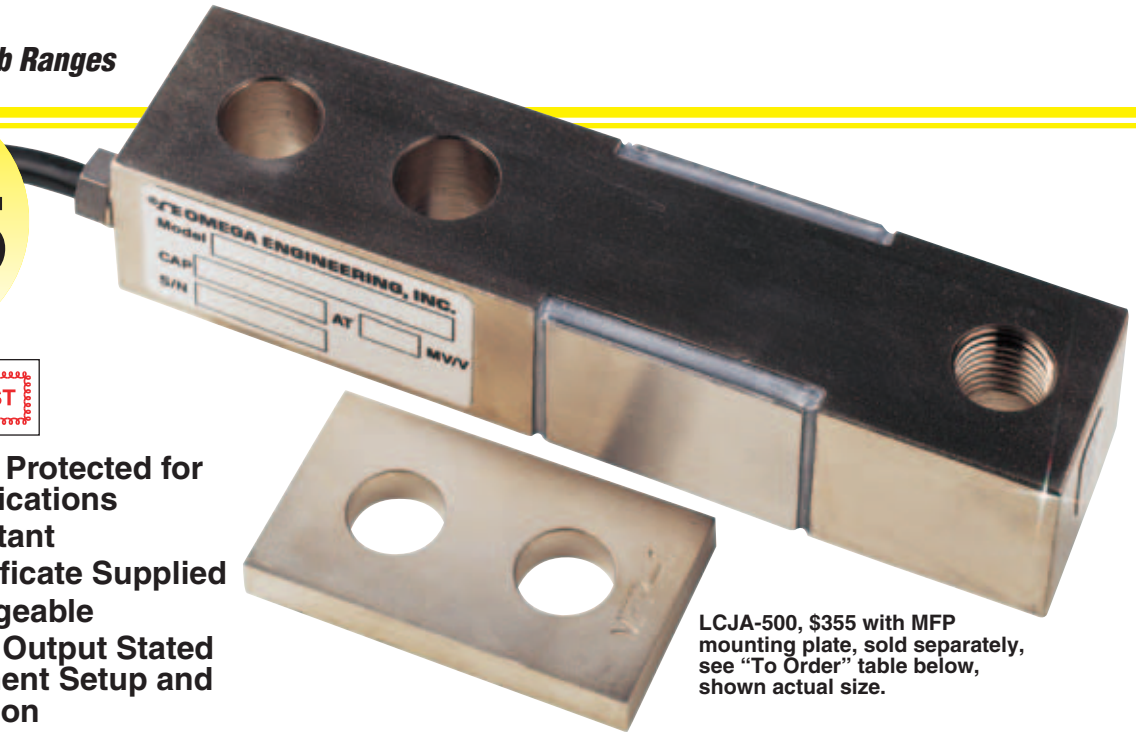
LCJA Series

0-500 lb to 0-20,000 lb Ranges

Starts at
\$355



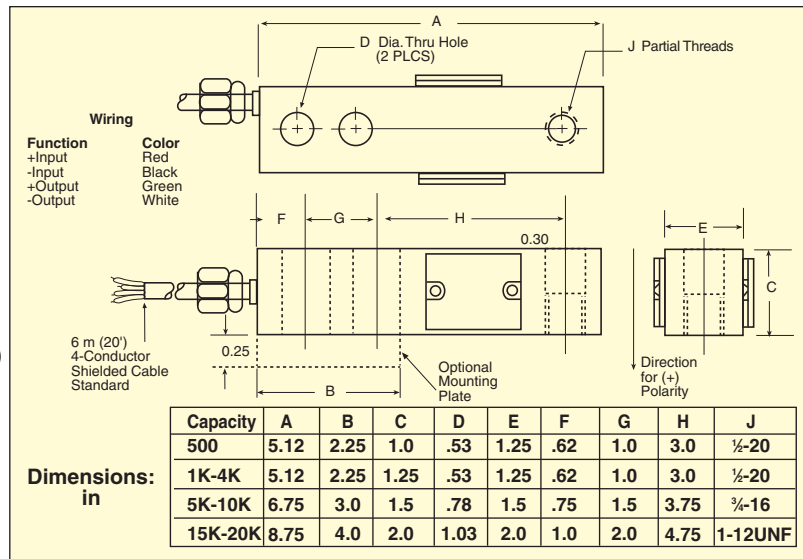
- ✓ Environmentally Protected for Washdown Applications
- ✓ Corrosion Resistant
- ✓ Calibration Certificate Supplied
- ✓ 0.25% Interchangeable
- ✓ Exact Full Scale Output Stated for Easy Equipment Setup and System Calibration



LCJA-500, \$355 with MFP mounting plate, sold separately, see "To Order" table below, shown actual size.

SPECIFICATIONS

- Rated Output:** 3 mV/V ± 0.0075 mV/V (actual output supplied with each load cell)
- Excitation:** 10 Vdc (15 Vdc maximum)
- Accuracy:** $\pm 0.037\%$ Full Scale
- Linearity:** $\pm 0.03\%$ FS
- Hysteresis:** $\pm 0.02\%$ FS
- Repeatability:** $\pm 0.01\%$ FS
- Zero Balance:** $\pm 1\%$ FS
- Creep In 20 min:** $\pm 0.03\%$ FS
- Operating Temperature:** 0 to 150°F (-18 to 66°C)
- Compensated Temperature:** 0 to 150°F (-18 to 66°C)
- Thermal effects:** Zero - 0.0015% FS/°F Span - 0.0008% RDG/°F
- Maximum Load:** 200% FS
- Side Load Rejection:** 500:1
- Bridge Resistance:** 350 Ω nominal
- Full Scale Deflection:** 0.015 in to 0.025 in
- Construction:** Nickel Plated Steel
- Cable:** 20 ft 4-conductor shielded 22-gage wire



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	RATED CAPACITY	FS DEFL	WT LB	COMPATIBLE METERS**	LOAD BUTTON		ROD END		MOUNTING PLATES	
						MODEL NO.	PRICE	MODEL NO.	PRICE	MODEL	PRICE
LCJA-500	\$355	500 lb	0.013	4	DP41-S, DP3002-S, DP25-S	LBJ-012	\$40	REC-012M	\$35	MFP-1	\$40
LCJA-1K	355	1000 lb	0.013	4	DP41-S, DP3002-S, DP25-S	LBJ-012	40	REC-012M	35	MFP-1	40
LCJA-2K	355	2000 lb	0.015	4	DP41-S, DP3002-S, DP25-S	LBJ-012	40	REC-012M	35	MFP-1	40
LCJA-2.5K	355	2500 lb	0.015	4	DP41-S, DP3002-S, DP25-S	LBJ-012	40	REC-012M	35	MFP-1	40
LCJA-4K	355	4000 lb	0.025	4	DP41-S, DP3002-S, DP25-S	LBJ-012	40	REC-012M	35	MFP-1	40
LCJA-5K	355	5000 lb	0.025	3.5	DP41-S, DP87, DP25-S	LBJ-034	40	REC-034M	65	MFP-2	50
LCJA-10K	450	10000 lb	0.035	3.5	DP41-S, DP87, DP25-S	LBJ-034	40	REC-034M	65	MFP-2	50
LCJA-15K	710	15000 lb	0.035	9	DP41-S, DP87, DP25-S*	LBJ-100	50	REC-100M	105	MFP-3	60
LCJA-20K	1090	20000 lb	0.035	9	DP41-S, DP87, DP25-S*	LBJ-100	50	REC-100M	105	MFP-3	60

* 4-digit meter, counts by 10 or scale to tons. See page F-64 for weighing assemblies.

** See section D for compatible meters.

Ordering Example: For a 2000 lb capacity system: LCJA-2K + TWA4-2K, \$355 + 280 = \$635.

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488
+44-(0)161-777-6611

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

FRANCE

www.omega.fr

0800-466-342

GERMANY

www.omega.de

Deckenfronn, Germany
0800-8266342

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters