

# HEAVY DUTY SHEAR BEAM LOAD CELLS

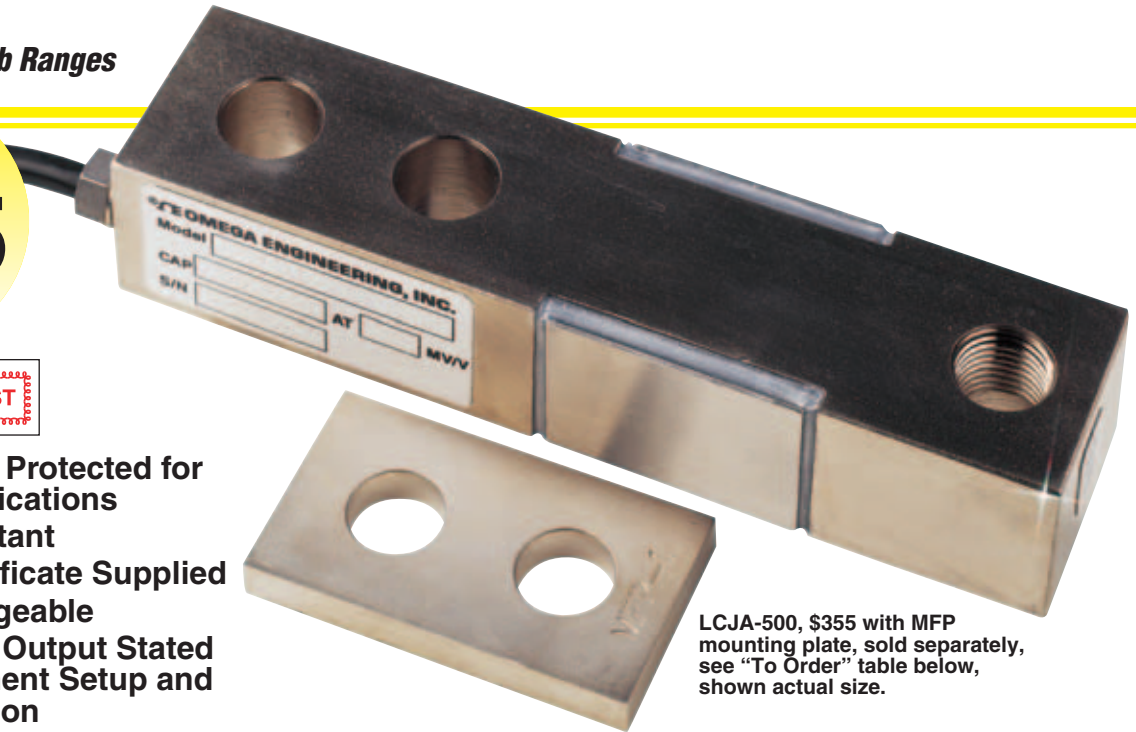
## LCJA Series

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

Starts at  
**\$355**



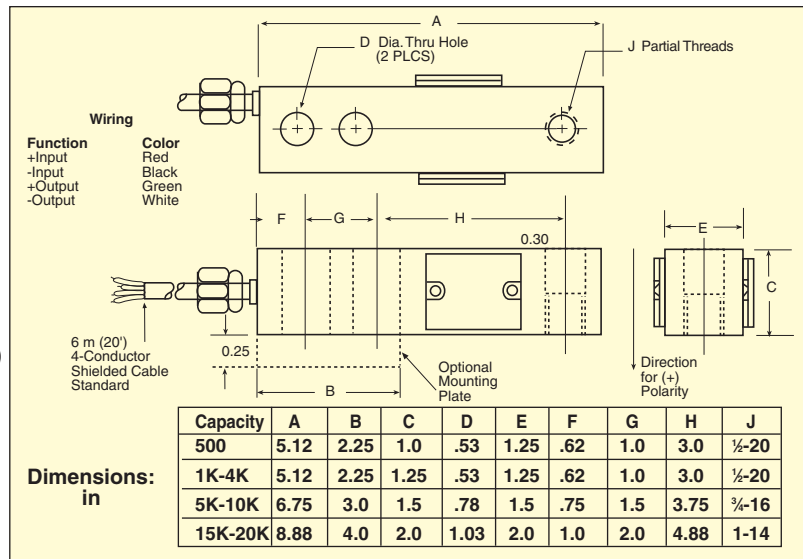
- ✓ Environmentally Protected for Washdown Applications
- ✓ Corrosion Resistant
- ✓ Calibration Certificate Supplied
- ✓ 0.25% Interchangeable
- ✓ Exact Full Scale Output Stated for Easy Equipment Setup and System Calibration



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

### SPECIFICATIONS

- Rated Output:** 3 mV/V  $\pm 0.0075$  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  $\Omega$  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.

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