

## Newport Load Cells

### Miniature Compression Load Cell

#### ORDERING INFORMATION

Capacity (lb.)	Model Number
0-25	LCGD-25
0-50	LCGD-50
0-100	LCGD-100
0-250	LCGD-250
0-500	LCGD-500
0-1000	LCGD-1K
0-2000	LCGD-2K
0-5000	LCGD-5K
0-10,000	LCGD-10K
0-50,000	LCGD-50K

#### SPECIFICATIONS

Excitation:	10 VAC/ DC
Output:	2 mV/ V nominal
Accuracy Class:	0.25%
Material:	Stainless Steel
Linearity:	±0.25% FSO
Hysteresis:	±0.20% FSO
Repeatability:	±0.10% FSO
Safe Overload:	150% FSO


**LCGD-500** ▲

 ▲ **LCGD-50**

### Cantilever Beams

- Tension/Compression
- Load Button, Rod End and Base Plate Mounting Accessories


 ◀ **Model LC501**

#### SPECIFICATIONS

Output:	3 mV/ V ±0.0075 mV/ V
Excitation:	10 VDC (15 VDC max)
Accuracy:	0.03% FSO
Calibrated Air:	0%, 50%, 100%, 50%, 0%
Linearity:	0.03% FSO
Hysteresis:	0.02% FSO
Repeatability:	0.02% FSO
Zero Balance:	±1% FSO
Safe Overload:	150% FSO
Material:	Stainless Steel

#### ORDERING INFORMATION

Capacity (lb.)	Model Number	Accessories for LC501 Series		
		Load Button Model	Rod End Model	Base Plate Model
±100	LC501-100	LBC-012	REC-012M	BP-10
±200	LC501-200	LBC-012	REC-012M	BP-10
±500	LC501-500	LBC-012	REC-012M	BP-10
±1000	LC501-1K	LBC-012	REC-012M	BP-15
±2000	LC501-2K	LBC-012	REC-012M	BP-15
±5000	LC501-5K	LBC-012	REC-012M	BP-15
±10,000	LC501-10K	LBC-034	REC-034M	BP-20

### Low Profile Load Cells

#### ORDERING INFORMATION

Compression			Tension/Compression	
Capacity (lb.)	Cable Style Model No.	Connector Style Model No.	Capacity	Model No.
0-50	LC401-50	LC411-50	±50	LCHD-50
0-100	LC401-100	LC411-100	±100	LCHD-100
0-250	LC401-250	LC411-250	±500	LCHD-500
0-500	LC401-500	LC411-500	±1K	LCHD-500
0-1000	LC401-1K	LC411-1K	±3K	LCHD-3K
0-3000	LC401-3K	LC411-3K	±5K	LCHD-5K
0-5000	LC401-5K	LC411-5K	±10K	LCHD-10K
0-10,000	LC401-10K	LC411-10K	±20K	LCHD-20K
0-20,000	LC401-20K	LC411-20K	±30K	LCHD-30K
0-50,000	LC401-50K	LC411-50K	±50K	LCHD-50K


 ▲ **Model LC411**

#### SPECIFICATIONS

Output (FSO):	3 mV/ V ±0.25%		
Excitation:	10 VDC (15 VDC max)		
Calibrated at:	0%, 50%, 100%, 50%, 0%		
Zero Balance:	±1% FSO		
Safe Overload:	150% FSO		
		Compression	
		Linearity:	Tension/Compression
		≥3000 lb:	0.10% FSO
		<3000 lb:	0.13% FSO
		Hysteresis:	0.10% FSO
		≥3000 lb:	0.08% FSO
		<3000 lb:	0.08% FSO
		Repeatability:	0.03% FSO
			0.05% FSO