

Load Cell Sensors & Speakers

3 LEVELS OF SAVINGS
NAME BRANDS HOUSE BRANDS FACTORY OVERRUN



USB Load Cell Kits

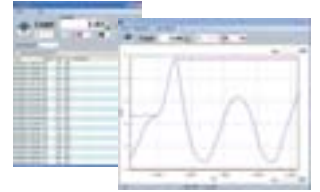
★ Web Code: **CLL**

Loadstar Sensors' award winning capacitive load cells offer unmatched ease of use in a low profile, rugged and integrated package. Our load cells offer USB output without the need for any special signal conditioning equipment. These sensors are excellent for R & D labs, universities and test facilities which need to quickly measure loads and forces, log data and visualize the data as a force vs. time plot.

- All products made in the USA
- USB Load Cell software with logging/plotting features included
- CE, UL & FCC Approved



NEW
MARKED IN PINK



iLoad Mini Stainless Steel Miniature USB Load Cells

- ±1% of full scale accuracy
- USB interface
- 1.25" diameter
- Draws power from USB port of PC

Includes: iLoad mini load cell, mini signal conditioner, LoadVUE Pro 1000 USB software and USB cable

Part No.	Description	Price
2120903	10 lb. iLoad mini kit	\$289.95
2120911	50 lb. iLoad mini kit	289.95
2120920	100 lb. iLoad mini kit	289.95
2120938	200 lb. iLoad mini kit	289.95

iLoad TR Aluminum USB Load Cells

- ±0.25% of full scale accuracy
- USB interface
- 3" diameter
- Designed for off-center loading applications
- Draws power from USB port of PC

Includes: iLoad TR load cell, LoadVUE Pro 1000 USB software and USB cable

Part No.	Description	Price
2120946	5 lb. iLoad TR kit	\$389.95
2120954	10 lb. iLoad TR kit	389.95
2120962	50 lb. iLoad TR kit	389.95

iLoad Pro Stainless Steel Industrial USB Load Cells

- ±0.25% of full scale accuracy
- USB interface
- 3.25" diameter
- Cable strain relief
- Draws power from USB port of PC

Includes: iLoad Pro load cell, LoadVUE Pro 1000 USB software and USB cable

Part No.	Description	Price
2120971	100 lb. iLoad Pro kit	\$489.95
2120989	250 lb. iLoad Pro kit	489.95
2120997	500 lb. iLoad Pro kit	489.95
2121009	1000 lb. iLoad Pro kit	489.95

LoadVUE Pro 1000 USB Load Cell Software

- View force/load in Pounds, Kilograms, Newtons or Ounces
- Log data to Excel friendly file at user selected intervals
- Up to 150 samples per second
- Plot data as force vs. time graph
- Periodically send force data to email address or mobile phone via SMS

For complete specs, enter
★ Web Code: **CLL** **on the home**
page at www.Jameco.com

Electromech

Honeywell

Relative Humidity Sensor

★ Web Code: **WEG**

- Linear volt. output vs %RH
- Op. temp.: -40°C to 85°C
- Accuracy (best fit straight line): ±3.5% RH
- Direct input to a controller or other device is made possible by this sensor's linear voltage output
- 3-pin SIP
- High accuracy
- Designed specifically for high volume OEM
- Volt. supply: 4 to 5.8VDC
- Current supply: 500µA max.

Part No.	Mfr. Part No.	Description	1	5	25
1860248	HH-4000-003	0.10" lead pitch SIP w/ calibration & data printout	\$26.95	\$22.95	\$21.95



AVAGO

Ambient Light Optical Sensor

A low-cost analog output ambient light photo sensor in a miniature chip LED lead-free surface mount package. It has a spectrally suited phototransistor, which peaks in human luminosity curve.



★ Web Code: **ZZZ**

- Supply voltage: 2.4V to 5.5V
- Oper. temp.: -40°C to 85°C
- Light current ratio: 1.2
- Fall time: 0.8 ms
- Rise time: 0.95 ms
- Dark current: 50mA

Part No.	Product No.	1	10	100
1548511	APDS-9002-021	\$.95	\$.85	\$.65

Ultrasonic Sensor Sets

★ Web Code: **CAU**

Motion or Distance Sensing

- Frequency: 40kHz ±1.0kHz
- Aluminum case
- 136654: Transmit/Receive Set • Capacitance: 2000pF ±30%
- Transmitter: bandwidth 4.0kHz @ 112dB, sound pressure level 119dB @ 40±1.0kHz
- Receiver: bandwidth 3.5kHz @ -71dB, min. sensitivity 65dB @ 40±1.0kHz (R=3.9kΩ)

- 139492: Transmit/Receive Set • Capacitance: 2000pF ±20%
- Transmitter: bandwidth 5.0kHz @ 100dB, sound pressure level 112dB @ 40 ±1.0kHz
- Receiver: bandwidth 5.0kHz @ -75dB, min. sensitivity 67dB @ 40 ±1.0kHz (R=3.9kΩ)

Part No.	Product No.	Case Size	Lead Length/Spacing	1	10	100
136654	40TR16F	0.47" H x 0.62" Dia.	0.39"	\$7.95	\$6.95	\$5.95
139492	40TR12B	0.30" H x 0.43" Dia.	0.28"	7.95	6.95	5.95



Flex Sensor

- Max. resistance: 30kΩ to 40kΩ, proportional to the degree of flexing or bending
- Length: 4.5"
- Applications: virtual reality data gloves, robotic, bio-metric, physics and engineering

Part No.	Nominal Res.	1	10
150551	10k	\$12.95	\$11.49

Piezo Transducers (Speakers)

★ Web Code: **JPT**

Part No.	Manufacturer	Product No.	Fig.	Rated Voltage	Max. Current	Res Frequency	Sound (dB)	Dimensions (H x Dia.)	Pricing		
									1	10	100
1956784	Velleman	TV4	1	1.5Vp-p	1.5mA	4kHz	75	14mm x 50mm	\$2.95	\$2.59	\$2.35
1956776	Velleman	TV1	2	1.5Vp-p	1.5mA	4kHz	85	6mm x 30mm	1.95	1.75	1.59
2098540	Kobitone	PB220-ROX	3	3Vp-p	3mA	2kHz	70	26.5mm x 22mm	1.09	.95	.79
2098523	Kobitone	PB140-ROX	4	5Vp-p	5mA	4kHz	80	6.8mm x 13.8mm	1.29	1.15	.99
2098558	Kobitone	PB160-ROX	5	9Vp-p	7mA	4kHz	80	4mm x 16.5mm	1.19	1.09	.89
2098531	Kobitone	PB102-ROX	6	10Vp-p	5mA	3.2kHz	80	3.2mm x 10mm	1.29	1.15	.99
2099702	Kobitone	256-PB315*	7	10Vp-p	7mA	4kHz	82	7.6 mm x 17mm	1.29	1.15	.99
2099711	Kobitone	256-PB012*	2	10Vp-p	8mA	6kHz	88	4mm x 24mm	1.29	1.15	.99
2099729	Kobitone	256-PB015*	3	10Vp-p	9mA	5kHz	80	4mm x 16.5mm	1.29	1.15	.99
2098566	Kobitone	AZ-3025E-W-LF	2	10Vp-p	9mA	2.5kHz	86	9.5mm x 30mm	1.29	1.15	.99
336276	ValuePro	PT-1250W	3	12Vp-p	2mA	4kHz	75	13mm x 30mm	1.49	1.25	.95
336314	ValuePro	PT-2038FW	8	12Vp-p	3mA	4kHz	80	4.5mm x 24mm	1.49	1.25	.95
2077280	Panasonic	24C411	4	15Vp-p	2mA	4kHz	85	24mm x 6mm	1.49	1.25	.95

* Requires external drive



RoHS compliant product + This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 197.