

# Transducer Price List - Logic Beach Inc.

Effective April 2016

[Refer to www.logicbeach.com](http://www.logicbeach.com) for detailed product specifications

## Temperature -Thermocouple

Refer to [www.logicbeach.com](http://www.logicbeach.com) for a part number builder for thermocouple probes.  
Following are some representative probes from each of the family types for budgetary reference. Contact Logic Beach for specific thermocouple probes and a quote.

<b>WB Style</b>	Wire probes with exposed or insulated welded junction...	
KWB2-00-OCT-10-S0	Welded junction with Teflon insulating cap, K Type Thermocouple, 24 AWG, teflon insulation, 10' leadwire, 2" split lead termination	\$ 27.00
KWB2-00-OCT-20-S0	Welded junction with Teflon insulating cap, K Type Thermocouple, 24 AWG, teflon insulation, 20' leadwire, 2" split lead termination	\$ 36.00
<b>TU Style</b>	Wire probes with junction potted into 316 SS sheath tube...	
KTU5-03-3UN-20-S	TC probe, type K solid 24AWG, unshielded Teflon (500F) lead insulation, ungrounded junction potted into 3"x0.125"dia 316SS probe with 20' leads, stripped.	\$ 42.00
<b>WT Style</b>	Wire probes with junction encased into washer...	
KWT0-08-0GT-20-S	TC probe, type K solid 24AWG, unshielded Teflon (500F) insulation, grounded junction secured into #8 clearance washer, 20' leads, stripped.	\$ 36.00

## Temperature -TH

SAS-10	Thermistor Probe, 10kohm@25C (Fenwall Curve 16 equivalent curve) 0.3inch tubular sensor w/ flat end on 10' teflon leads.	\$ 16.00

## Humidity

HMP-60	Temp/Humidity Probe; Dual outputs possible, choose two of the following: 0-100% RH, Temperature -20 to 80C, or Dew Point Temperature. 0-1Vdc, 0-5Vdc or 0-2.5Vdc or 1-5Vdc Full Scale output (specify desired output signal range at time of order), M8 connector with mating 12" cable standard. Optional 9 ft cable below.	\$ 265.00
RH-15778HM	Field replaceable RH sensing element for the HMP-60 transducer. Replace this element to recalibrate the unit in the field.	\$ 70.00
HMP-60_3m Ext Cable	Optional 3m (9ft) cable with mating M8 connector for HMP-60 transducers.	\$ 35.00
HMP-60_2m Ext Cable	Extension cable for HMP-60 with right angle M8 mating connector	\$ 30.00
<b>Specs common to the following SRH1 models:</b>	Humidity and Humidity/Temperature Sensor, low cost. Available in 3%, 4% and 5% accuracy and in wall mount, duct insertion and outdoor configurations. 4-20mA, 0-5Vdc and 0-10Vdc outputs available. Refer to datasheet for specification details.	
SRH1-3P-W-11-T0	Humidity sensor, indoor room, wall/surface mount, 0-99%rH, 3% accuracy, 4-20mA output. 12 to 30Vdc excitation. -40 to 60C operating temperature	\$ 200.00

SRH1-3P-W-2C-T0	Humidity sensor, indoor room, wall/surface mount, 0-99%rH, 3% accuracy, 0-5 and 0-10Vdc (field selectable) output,. Unit power; 13.5 to 30Vdc (required for 0-10Vdc selected output)) and 12-30Vdc (required for 0-5Vdc selected output) excitation. -40 to 60C operating temperature	\$ 200.00
SRH1-3P-W-11-T3	Humidity and temperature sensor, indoor room, wall/surface mount, 0-99%rH, 3% humidity accuracy, -58 to 140F temperature reading range (specify T5 instead of T3 for +14 to 140F range), 4-20mA outputs. 12 to 30Vdc excitation. -40 to 60C operating temperature	\$ 266.00
SRH1-3P-D-11-T0	Humidity sensor, duct insertion probe mount, 0-99%rH, 3% accuracy, 4-20mA output. 12 to 30Vdc excitation. -40 to 60C operating temperature	\$ 227.00
SRH1-3P-D-11-T3	...Same but also includes -50 to 60C temp 4-20mA output (option T3)	\$ 293.00
SRH1-3P-D-2C-T0	Humidity sensor, duct insertion probe mount, 0-99%rH, 3% accuracy, 0-5 and 0-10Vdc (field selectable) output,. Unit power; 13.5 to 30Vdc (required for 0-10Vdc selected output)) and 12-30Vdc (required for 0-5Vdc selected output) excitation. -40 to 60C operating temperature	\$ 227.00
SRH1-3P-D-2C-T3	...Same but also includes -50 to 60C temp output in Vdc (option T3)	\$ 293.00
SRH1-3P-O-11-T0	Humidity sensor, outdoor probe with wiring box., 0-99%rH, 3% accuracy, 4-20mA output. 12 to 30Vdc excitation. -40 to 60C operating temperature	\$ 256.00
SRH1-3P-O-11-T3	...Same but has -50 to 60C temp output (4-20mA) also	\$ 322.00
<b>Pressure</b> Specs common to the following models: A full line of rugged stainless steel pressure transducers is offered with various Vdc or 4-20mA (std) output, various media fittings types and dimensions. Provided standard with Hirschman sealed screw terminal connector for quick IP-65 field connection to user provided jacketed wire. Common pressure ranges (indicated by xxx in part numbers below) are: 2,3,5,10,15,30,60,100,150,200,300,500, 600, 750, 1000, 1500, 2000, 3000, 4000, 5000, 6000, 7500, 10,000, 15,000 PSIG (absolute pressure parts are also available) Contact Logic Beach for desired variations in pressure range, process media connection, wiring connections and output signal options. Parts have 3 year manufacturer's warranty. Commonly provided models follow. Contact Logic Beach for non-listed requirements.		
PSIG-615-xxx-2-1-2-8	Pressure transducer; 0.125% FS accuracy, 4-20mA output (loop powered, requires 10-30Vdc across transducer), Field adjustable Zero/Span, 1/4" male pipe thread media fitting. Hirschman wiring connector for user supplied jacketed cable. xxx refers to Full Scale pressure (see above)	\$ 499.00
PSIG-615-xxx-1-1-2-8	..... Same as above but with 0.25% FS accuracy	\$ 482.00
PSIG-615-xxx-1-5-2-8	..... Same as above (0.25%FS) but with three-wire 0-10Vdc output (requires 14 to 30Vdc supply)	\$ 438.00

PSIG-100-xxx-1-1-2-7	Pressure transducer; 0.5% FS accuracy, loop-powered 4-20mA output (10 to 30Vdc supply), Field adjustable Zero/Span, 1/4" male pipe thread media fitting. Hirschman wiring connector for user supplied jacketed cable. xxx refers to Full Scale pressure (see above)	\$ 362.00
PSIG-200-xxx-1-2-2-7	..... Same as above but with three-wire 0-5Vdc output (requires 10 to 30Vdc)	\$ 376.00
PSIG-300-xxx-1-1-2-8	Pressure transducer; 0.5% FS accuracy, loop-powered 4-20mA output (8 to 30Vdc supply), Fixed Zero/Span (no field adjustment), 1/4" male pipe thread media fitting. Hirschman wiring connector for user supplied jacketed cable. xxx refers to Full Scale pressure (see above)	\$ 244.00
PSI-Cal-Certificate	Factory NIST traceable calibration certificate for above pressure transducers (contact Logic Beach for cal costs for > 15,000 psi).	\$ 220.00
Setra-276	Barometric Pressure Transducer, low power, low cost open frame. Available in 3 full scale ranges: 600-1100, 800-1100 hPA/mb (covers normal terrestrial atmospheric pressure). and 0-20psia 0.25%FS Acc, 2"dia x 1" Standard uni includes angle mntg bracket, and 1/8" tube fittings for media connection. Supply voltage (3 order options) nominal 5, 12 or 24Vdc with 0.1 to 5.1Vdc output (0.5 to 4.5 for 5Vdc powered models). 2ft cable standard, up to 25ft cable can be provided.	\$630
Setra-278	Barometric Pressure Transducer, low power, high accuracy. Available in 3 full scale ranges: 500-1100hPa, 600-1100hPa; 800-1100hPa/mb (covers normal terrestrial atmospheric pressure). 0-2.5 and 0-5VDC Out, Op Temp Range of -40C-+60C, Supply voltage 9.5 to 28Vdc, nominal 3mA current run, 1uA sleep. 1/8" barb fitting for media. 2ft cable standard, up to 25ft cable can be provided.	\$864
	(contact Logic Beach for model/feature variations not shown)	
<b>DC Current</b>		
LBI-H971	DC Current transducer, split-core; Bi-directional sensing (Pulse Reset technology.. not Hall Effect). Field adjustable FS range up to +/-200Adc via multi-turn pot. Quick response. 4-20mA output (3-wire, 15 to 24Vdc burden)	\$ 220.00
LBI-EA20-xxx	DC Current transducer, uni-directional sensing. Fixed full scale range specified at time of order by xxx (100Adc, 150Adc or 200Adc). 3-wire 4-20mA output; 12-24Vdc supply. +/- 0.5Adc accuracy.	\$ 200.00
LBI-H970-LC- A	DC Current transducer, Hall Effect split-core; Switch selectable Full Scale Ranges: 0 - 20/40/80 Adc; Dual outputs: 4-20mA and 0-5Vdc, Requires 12-30Vdc/Vac power.	\$ 220.00
LBI-H970-LC- B	DC Current transducer, Hall Effect split-core; Switch selectable Full Scale Ranges: 0 - 20/40/80 Adc; Dual outputs: 4-20mA and 0-10Vdc, Requires 15-30Vdc/Vac power.	\$ 220.00
LBI-H970-HC - A	DC Current transducer, Hall Effect split-core; Switch selectable Full Scale Ranges: 0 - 50/100/200 Adc; Dual outputs: 4-20mA and 0-5Vdc, Requires 12-30Vdc/Vac power.	\$ 220.00
LBI-H970-HC - B	DC Current transducer, Hall Effect split-core; Switch selectable Full Scale Ranges: 0 - 50/100/200 Adc; Dual outputs: 4-20mA and 0-10Vdc, Requires 15-30Vdc/Vac power.	\$ 220.00
PB-200B	DC Current Clamp-On Probe with leads; 1-200 Adc range with 0-2Vdc output.	\$ 495.00
Shunt-LC-xxmV-aaa	DC Current Shunt, open frame with screw terminal load and sense connections, 0.25% Rdg accuracy, 20ppm/C. Specify xxx as 50mV or 100mV full scale output. Specify aaa as Full scale ranges from 1Adc to 150Adc. Higher currents are available, contact Logic Beach. Shunts are designed for continuous operation at 66% of Full Scale. 1.25" x 2" x 1.7"	\$ 29.00

<b>AC Voltage</b>		
LBI-CR4620-xxx	AC Voltage transducer module, Average RMS sensing, single input/output, 4-20mA loop powered output (nominal 24Vdc loop power, device compliance voltage range is from 16 to 28Vdc). Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 102.00
LBI-CR4640-xxx	AC Voltage transducer module, Average RMS sensing, dual input/output, 4-20mA loop powered output (nominal 24Vdc loop power, device compliance voltage range is from 16 to 28Vdc). Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 166.00
LBI-CR4510-xxx	AC Voltage transducer module, True RMS sensing (20Hz to 5kHz), single input/output, 0-5Vdc signal output. Requires 24Vdc module power. Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 201.00
LBI-CR4520-xxx	AC Voltage transducer module, True RMS sensing (20Hz to 5kHz), single input/output, 4-20mA sourcing output, requires 24Vdc module supply. Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 221.00
LBI-CR4550-xxx	True RMS sensing, 3-phase, 3-wire input, 0-5Vdc output per phase (transducer requires 24Vdc supply). Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 347.00
LBI-CR4560-xxx	True RMS sensing, 3-phase, 3-wire input, 4-20mA current sourcing output per phase (transducer requires 24Vdc nominal supply). Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 387.00
LBI-CR4570-xxx	True RMS sensing, 3-phase, 4-wire input, 0-5Vdc output per phase (transducer requires 24Vdc supply). Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 493.00
LBI-CR4580-xxx	True RMS sensing, 3-phase, 4-wire input, 4-20mA current sourcing output per phase (transducer requires 24Vdc nominal supply). Specify xxx as 50, 150, 250 or 500 Vac full scale.	\$ 548.00
<b>AC Current</b>		
LBI-CR9580-10-2	Current transducer, split-core. Input Range 0-10Aac; 0-2Vdc signal output	\$ 50.00
LBI-CR9580-20-2	.....Same as above but with 0-20Aac Input Range	\$ 50.00
LBI-CR9580-50-2	.....Same as above but with 0-50Aac Input Range	\$ 50.00
LBI-CR9580-10-5	Current transducer, split-core. Input Range 0-10Aac; 0-5Vdc signal output	\$ 50.00
LBI-CR9580-20-5	.....Same as above but with 0-20Aac Input Range	\$ 50.00
LBI-CR9580-50-5	.....Same as above but with 0-50Aac Input Range	\$ 50.00
LBI-H921	Current transducer, split-core. Switch selectable Full Scale Ranges: 0 - 30/60/120 Aac. 4-20mA output, loop-powered from 12 to 30Vdc external power supply.	\$ 120.00
LBI-H922	.....Same as above but with 0-5Vdc self-powered output.	\$ 102.00
LBI-H221	Current transducer, split-core. Input range is field adjustable from 0-100Aac to 0 to 300Aac. 4-20mA output... loop powered (12 to 30Vdc). size: 3.7" x 3.9" x 1.1". UL	\$ 248.00
LBI-H321	Current transducer, split-core. Input range is field adjustable from 0 to 300Aac Full Scale to 0 to 800Aac Full Scale. 4-20mA output... loop powered (12 to 30Vdc). size: 4.9" x 5.2" x 1.1". UL	\$ 293.00
LBI-H421	Current transducer, split-core. Input range is field adjustable from 0 to 1000Aac Full Scale to 0 to 2400Aac Full Scale. 4-20mA output... loop powered (12 to 30Vdc). 4.9" x 7.9" x 1.1". UL	\$ 460.00
LBI-H822-10	Current transducer, solid-core. Full Scale Range 0 -10 Aac, self-powered, output: 0 - 5Vdc, Size: 2.77" x 1.80" x 1.02".	\$ 93.00
LBI-H822-20	.....Same as above but 0-20Aac Full Scale Range	\$ 93.00
LBI-MN-291	Current probe, split-core clamp-on w/leads. Range: 0.5A -200A, self-powered, output: 100mVdc/Aac, size: 5.5" x 2.0" x 1.2". EN 61010-2-32	\$ 140.00

LBI-MD-301	Current probe, split-core clamp-on w/leads. Range: 2A -500A, battery powered, output: 1mVdc/Aac, size: 2.6" x 7.7" x 1.34". EN 61010-2-32	\$ 185.00
<b>AC Current Threshold Switches</b>		
LBI-H11D	Current Level Switch; split-core, self-learning thresholds. Automatically determines and sets under and over current thresholds at user selectable +/-40% or +/-60% of average current. Unit can also be configured for contacts closed above fixed 2.5Aac level. Operational current of 2.5 to 200Aac at 60Hz. Self-powered. Switched outputs rated for 1A at 30Vac/Vdc. Integral LCD amperage display.	\$ 131.00
LBI-H609	Current Level Switch; split-core, threshold trip level field adjustable from 1.25 to 50Aac. Self-powered. Switched N.O. outputs rated for 200mA, 125Vac/Vdc.	\$ 112.00
LBI-H909	Current Level Switch; split-core (larger aperture) , threshold trip level field adjustable from 2.5 to 135Aac. Self-powered. Switched N.O. outputs rated for 200mA, 125Vac/Vdc.	\$ 105.00
LBI-H900	Current Level Switch; split-core, fixed threshold trip level field at 1.5Aac. CT can handle currents up to 200Aac. Self-powered. Switched N.O. outputs rated for 1A at 30Vac/Vdc.	\$ 68.00
<b>kWh Energy Meters : Single Phase with integrated Current Transformer and Pulse Out</b>		
LBI-SWH-1100	Split-core watt hour meter. Range: 0-100Aac /115Vac, 48 to 62 Hz, any power factor, self-powered, output: 10Wh per pulse self-powered output (Form A contacts) , accuracy: 1%, dual color LED for load rate and power direction flow. OD 3.27x3.75x1.13.	\$ 288.00
LBI-SWH-1200	.....Same as above but 0-200Aac / 115Vac	\$ 288.00
LBI-SWH-1400	.....Same as above but 0-400Aac / 115Vac	\$ 288.00
LBI-SWH-2100	.....Same as above but 0-100Aac / 208-230Vac	\$ 288.00
LBI-SWH-2200	.....Same as above but 0-200Aac / 208-230Vac	\$ 288.00
LBI-SWH-3100	.....Same as above but 0-100Aac / 277Vac	\$ 288.00
LBI-SWH-3200	.....Same as above but 0-200Aac / 277Vac	\$ 288.00
<b>kWh Energy Meter, Single Phase or Poly-Phase - Pulse Output (Separate CT's... see below)</b>		
WNB-3Y-208-P	Meter, for 3ph Wye (4-Wire), 208 to 240Vac line to line (two CT) and 1ph 120Vac to neutral (single CT). Requires separate CT's (below)	\$ 213.00
WNB-3Y-400-P	Meter, for 3ph Wye (4-Wire), 400Vac line to line, (230 Vac line to N) (commonly deployed in countries with 230Vac grid service, EU, Australia, etc). Requires separate CT's (below)	\$ 237.00
WNB-3Y-480-P	Meter, for 3ph Wye (4-Wire), 480Vac line to line, (277 Vac line to N) Requires separate CT's (below)	\$ 237.00
WNB-3Y-600-P	Meter, for 3ph Wye (4-Wire), 600Vac line to line, (347 Vac line to N) Requires separate CT's (below)	\$ 262.00
WNB-3D-240-P	Meter, for 3ph Delta (3-wire) or Wye (4-wire), 208 to 240 line to line (120Vac line to Neut). Requires separate CT's (below)	\$ 263.00
WNB-3D-400-P	Meter, 3ph Delta (3-wire) or Wye, 400Vac line to line (230Vac line to Neut). Requires separate CT's (below)	\$ 263.00
WNB-3D-480-P	Meter, 3ph Delta (3-wire) or Wye, 480Vac line to line (277Vac line to Neut). Requires separate CT's (below)	\$ 263.00
WNB-Custom Freq Option	Units can be supplied with custom full scale frequency outputs (up to 600 Hz) which enables logger calculaton of instantaneous power by measurement of output frequency.	\$18 adder
<b>Multi-Parameter Electrical Transducers - Modbus Output (Separate CT's... see below)</b>		

WNC-3Y-208-MB	Meter, for 3ph Wye (4-Wire), 208 to 240Vac line to line (two CT) and 1ph 120Vac to neutral (single CT). Requires separate CT's (below)	\$ 315.00
WNC-3Y-400-MB	Meter, for 3ph Wye (4-Wire), 400Vac line to line, (230 Vac line to N) (commonly deployed in countries with 230Vac grid service, EU, Australia, etc). Requires separate CT's (below)	\$ 353.00
WNC-3Y-480-MB	Meter, for 3ph Wye (4-Wire), 480Vac line to line, (277 Vac line to N) Requires separate CT's (below)	\$ 363.00
WNC-3Y-600-MB	Meter, for 3ph Wye (4-Wire), 600Vac line to line, (347 Vac line to N) Requires separate CT's (below)	\$ 381.00
WNC-3D-240-MB	Meter, for 3ph Delta (3-wire) <b>or</b> Wye (4-wire), 208 to 240 line to line (120Vac line to Neut). Requires separate CT's (below)	\$ 363.00
WNC-3D-400-MB	Meter, 3ph Delta (3-wire) <b>or</b> Wye, 400Vac line to line (230Vac line to Neut). Requires separate CT's (below)	\$ 394.00
WNC-3D-480-MB	Meter, 3ph Delta (3-wire) <b>or</b> Wye, 480Vac line to line (277Vac line to Neut). Requires separate CT's (below)	\$ 381.00
PS3037-S-N	Meter, universal input for 120/240V, 208/120V, 480/277V or 580/335V, 380/220V services; 50 or 60 Hz, Modbus and Pulse outputs provided. USB port for desktop unit power and configuration. Utilizes solid or split core CT's or Rowgowski coil. Self powered from L1-L2 phases (60 to 600Vac).	\$ 410.00
PS3037-S-D	Same as PS3037-S-N but includes integral LCD for real-time display of readings	\$ 505.00
PS3037-E-N	Same as PS3037-S-N but includes Ethernet port with Modbus TCP capability (no LCD)	\$ 445.00
PS3037-E-D	Same as PS3037-S-N but includes integral LCD for real-time display of readings and Ethernet port with Modbus TCP capability.	\$ 540.00
PS24-D	Meter, 8 PS3 meters (above) in a single housing for sub-metering and other multiple circuit monitoring applications. 24 channels are fully configurable for use as single phase inputs, grouped as 3ph or any combination.	\$ 1,250.00

### **Current Transformers (CT's), Split-Core, for use w/ Pulse & Modbus Transducers above**

333mVac output CT's in split-core package allowing for field installation of CT without rewiring.

ACT-0750-xxx (STD)	0.78x0.78" rect aperture, 0.75% accuracy (10 to 100%FS), Phase Angle +/-0.5. Available in 5, 20, 50, 100, 200, 250 Aac FS rating, Non-stocked but available in 15, 30, 70 and 150Aac FS rating. 50/60Hz	\$ 53.00
ACT-0750-xxx Class 0.6	0.78x0.78" rect aperture, 0.50% accuracy (10 to 100%FS), Phase Angle +/-0.25. Available in 5, 20, 50, 100, 200, 250 Aac FS rating, Non-stocked but available in 15, 30, 70 and 150Aac FS rating. 60Hz std. 50Hz available for 10% adder.. Revenue grade product. IEEE C57.13 and IEC 60044-1 accuracy: over full temperature range and down to 1% of rated current	\$ 65.00
CTM-0360-yy	0.30" x 0.34" wire aperture. 8ft leads, Available in 5, 15, 20, 30, 50, 70Aac FS (yy specifies range); 1% acc over 10 to 100%. 100 Aac Max.	\$ 38.00
CTS-0750-yyy	0.75" dia wire aperture Available in 5, 15, 30, 50, 70, 100, 150 Aac FS (yyy specifies range)	\$ 52.00
CTS-1250-yyy	1.25" dia wire aperture; 70, 100, 150, 200, 250, 300, 400, 600 Aac FS (yyy specifies range)	\$ 65.00
CTS-2000-yyy	2.00" dia wire aperture; 600, 800, 1000, 1200, 1500 (yyy specifies range)	\$ 76.00
SC-CTB-1.5x3.5-0600	Split-core CT for bus bars, 1.5x3.5" opening, 600Aac	\$ 103.00
SC-CTB-4.0x4.0-0800	Split-core CT for bus bars, 4.0x4.0" opening, 800Aac	\$ 103.00
SC-CTB-4.0x4.0-1200	Split-core CT for bus bars, 4.0x4.0" opening, 1200Aac	\$ 103.00

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SC-CTB-4.0x4.0-2000	Split-core CT for bus bars, 4.0x4.0" opening, 2000Aac	\$ 128.00
SC-CTB-4.5x4.0-3000	Split-core CT for bus bars, 4.5x4.0" opening, 3000Aac	\$ 128.00
<b>RoCoil™ Rogowski Flexible "Rope" CT's for use with PS3 and PS24 Meters</b>		
131mVac output per 1000Aac. Nominal 50 to 6000Aac Full Scale range		
CTR161310A4U	16" length RōCoil™ Rogowski CT (effective 5" Opening)	\$ 120.00
CTR241310A4U	24" RōCoil™ Rogowski CT (effective 7.5" Opening)	\$ 150.00
CTR361310A4U	36" RōCoil™ Rogowski CT (effective 10.5" Opening)	\$ 215.00
CTR721310U	72" RōCoil™ Rogowski CT (effective 22" Opening)	\$ 460.00
<b>Current Transformers (CT's), Solid-core for use with Pulse and Modbus Transducers &amp; Meters</b>		
333mVac output CT's in solid (Toroidal) package. Requires wires to be routed through aperture. Typically used for permanent installations.		
CTT-0300-yyy	Toroidal (solid core) current transformers. ID: 0.30" ; 5, 15, 30 Aac FS (yyy specifies range)	\$ 36.00
CTT-0500-yyy	Toroidal (solid core) current transformers. ID: 0.50" ; 15,30,50,60Aac FS (yyy specifies range)	\$ 36.00
CTT-0750-yyy	Toroidal (solid core) current transformers. ID: 0.75" ; 30,50,70,100Aac FS (yyy specifies range)	\$ 36.00
CTT-1000-yyy	Toroidal (solid core) current transformers. ID: 1.00" ; 50, 70, 100, 150, 200Aac FS (yyy specifies range)	\$ 40.00
CTT-1250-yyy	Toroidal (solid core) current transformers. ID: 1.25" ; 70, 100, 150, 200, 250, 300, 400Aac FS (yyy specifies range)	\$ 44.00
<b>kWh Energy Meter with single Integrated CT for 1 ph or balanced 3 ph - Pulse Output</b>		
LBI-H8051-0100-2	Watt hour meter with integrated single split-core current transformer with three voltage sense leads for balanced load monitoring. Range: 100Aac / 208 - 480 Vac ; 1.51" x 1.25" aperture.	\$ 623.00
LBI-H8051-0300-2	... same but with current rating of 300A, size: 1.51" x 1.25" opening.	\$ 642.00
LBI-H8051-0400-3	... same but with current rating of 400A, size: 2.89" x 2.45" opening.	\$ 660.00
LBI-H8051-0800-3	... same but with current rating of 800A, size: 2.89" x 2.45" opening.	\$ 679.00
LBI-H8051-0800-4	... same but with current rating of 800A, size: 5.5" x 2.45" opening.	\$ 698.00
LBI-H8051-1600-4	... same but with current rating of 1600A, size: 5.5" x 2.45" opening.	\$ 716.00
LBI-H8051-2400-4	... same but with current rating of 2400A, size: 5.5" x 2.45" opening.	\$ 735.00
<b>kWh Energy Meter with three Integrated CT's for 3 Phase Monitoring - Pulse Output</b>		
LBI-H8053-0100-2	Watt hour meter with three split-core current transformers, split core with three voltage sense leads for balanced load monitoring. Range: 100Aac / 208 - 480 Vac, 1.51" x 1.25" opening.	\$ 776.00
LBI-H8053-0300-2	... same but with current rating of 300A, size: 1.51" x 1.25" opening.	\$ 799.00
LBI-H8053-0400-3	... same but with current rating of 400A, size: 2.89" x 2.45" opening.	\$ 823.00
LBI-H8053-0800-3	... same but with current rating of 800A, size: 2.89" x 2.45" opening.	\$ 848.00
LBI-H8053-0800-4	... same but with current rating of 800A, size: 5.5" x 2.45" opening.	\$ 874.00
LBI-H8053-1600-4	... same but with current rating of 1600A, size: 5.5" x 2.45" opening.	\$ 900.00
LBI-H8053-2400-4	... same but with current rating of 2400A, size: 5.5" x 2.45" opening.	\$ 927.00
<b>AC Power - kW Demand, single CT Model for BALANCED loads - 4-20mA Output</b>		
LBI-H8041-0100-2	Demand meter, rated to 100A / 208 - 240 volts. Single split-core current transformer with three voltage sense leads for balanced load monitoring. Loop powered 4-20mA output; Aperture opening 1.51" x 1.25"	\$ 667.00
LBI-H8041-0300-2	... same but with current rating of 300A, size: 1.51" x 1.25" opening.	\$ 687.00
LBI-H8041-0400-3	... same but with current rating of 400A, size: 2.89" x 2.45" opening.	\$ 707.00
LBI-H8041-0800-3	... same but with current rating of 800A, size: 2.89" x 2.45" opening.	\$ 727.00
LBI-H8041-0800-4	... same but with current rating of 800A, size: 5.5" x 2.45" opening.	\$ 747.00
LBI-H8041-1600-4	... same but with current rating of 1600A, size: 5.5" x 2.45" opening.	\$ 767.00

LBI-H8041-2400-4	... same but with current rating of 2400A, size: 5.5" x 2.45" opening.	\$ 787.00
LBI-H8042-0100-2	Demand meter, rated to 100A / <b>480Vac</b> . Single split-core current transformer with three voltage sense leads for balanced load monitoring. Loop powered 4-20mA output; Aperture opening 1.51" x 1.25"	\$ 673.00
LBI-H8042-0300-2	... same but with current rating of 300A, size: 1.51" x 1.25" opening.	\$ 693.00
LBI-H8042-0400-3	... same but with current rating of 400A, size: 2.89" x 2.45" opening.	\$ 714.00
LBI-H8042-0800-3	... same but with current rating of 800A, size: 2.89" x 2.45" opening.	\$ 734.00
LBI-H8042-0800-4	... same but with current rating of 800A, size: 5.5" x 2.45" opening.	\$ 754.00
LBI-H8042-1600-4	... same but with current rating of 1600A, size: 5.5" x 2.45" opening.	\$ 774.00
LBI-H8042-2400-4	... same but with current rating of 2400A, size: 5.5" x 2.45" opening.	\$ 795.00
<b>AC Power - kW Demand, Three CT Model for UNBALANCED loads - 4-20mA Output</b>		
LBI-H8043-0100-2	Demand meter, rated to 100A / <b>208 - 240 volts</b> . Three split-core current transformers with three voltage sense leads for unbalanced load monitoring. Loop powered 4-20mA output; Aperture opening 1.51" x 1.25"	\$ 809.00
LBI-H8043-0300-2	... same but with current rating of 300A, size: 1.51" x 1.25" opening.	\$ 833.00
LBI-H8043-0400-3	... same but with current rating of 400A, size: 2.89" x 2.45" opening.	\$ 858.00
LBI-H8043-0800-3	... same but with current rating of 800A, size: 2.89" x 2.45" opening.	\$ 882.00
LBI-H8043-0800-4	... same but with current rating of 800A, size: 5.5" x 2.45" opening.	\$ 906.00
LBI-H8043-1600-4	... same but with current rating of 1600A, size: 5.5" x 2.45" opening.	\$ 930.00
LBI-H8043-2400-4	... same but with current rating of 2400A, size: 5.5" x 2.45" opening.	\$ 955.00
LBI-H8044-0100-2	Demand meter, rated to 100A / <b>480Vac</b> . Three split-core current transformers with three voltage sense leads for unbalanced load monitoring. Loop powered 4-20mA output; Aperture opening 1.51" x 1.25"	\$ 815.00
LBI-H8044-0300-2	... same but with current rating of 300A, size: 1.51" x 1.25" opening.	\$ 840.00
LBI-H8044-0400-3	... same but with current rating of 400A, size: 2.89" x 2.45" opening.	\$ 864.00
LBI-H8044-0800-3	... same but with current rating of 800A, size: 2.89" x 2.45" opening.	\$ 889.00
LBI-H8044-0800-4	... same but with current rating of 800A, size: 5.5" x 2.45" opening.	\$ 913.00
LBI-H8044-1600-4	... same but with current rating of 1600A, size: 5.5" x 2.45" opening.	\$ 938.00
LBI-H8044-2400-4	... same but with current rating of 2400A, size: 5.5" x 2.45" opening.	\$ 962.00
<b>Air Flow Meters &amp; Drill Guides</b>		
<b>5200 Series</b>	Air Flowmeter... available for pipe from 3/4" to 2"; Accuracy: 5 percent of reading plus one percent of fullscale at air temperatures between 40 and 120 degrees F <b>Power: 250mA at 18 to 24Vdc</b> Pressure Range: Max 200psi, 30 to 170 for best accuracy Response time: 1 sec to 63% of value Media: Compressed air and nitrogen For smaller diameter pipe sizes from 0.75" to 2.0" (and 25mm and 40mm metric)	
CDI-5200-05-S	Nominal pipe size 0.50" Sch 40 Steel only	\$ 415.00
CDI-5200-07-x	Nominal pipe size 0.75" x= S (Sch 40 Steel), C (Type L Copper)	\$ 415.00
CDI-5200-10-x	Nominal pipe size 1.0" x= S (Sch 40 Steel), C (Type L Copper)	\$ 465.00
CDI-5200-12-x	Nominal pipe size 1.25" x= S (Sch 40 Steel), C (Type L Copper)	\$ 515.00
CDI-5200-15-x	Nominal pipe size 1.5" x= S (Sch 40 Steel), C (Type L Copper)	\$ 515.00
CDI-5200-25M	Nominal pipe size 25mm (Metric Aluminum)	\$ 465.00
CDI-5200-40M	Nominal pipe size 40mm (Metric Aluminum)	\$ 515.00
<b>5400 Series</b>	Similar specs but for 2" and above dia pipe For larger diameter pipe sizes from 2.0" to 6.0" (and 63mm aluminum)	
CDI-5400-20-x	Nominal pipe size 2.0" x=S (Sch 40 Steel) , C (Type L Copper)	\$ 565.00
CDI-5400-25-x	Nominal pipe size 2.5" x=S (Sch 40 Steel), C (Type L Copper)	\$ 765.00
CDI-5400-30-x	Nominal pipe size 3.0" x=S (Sch 40 Steel), C (Type L Copper)	\$ 915.00
CDI-5400-40-x	Nominal pipe size 4.0" x=S (Sch 40 Steel), C (Type L Copper)	\$ 1,215.00



CDI-5400-50S	Nominal pipe size 5.0" (Sch 40 Steel)	\$ 1,715.00
CDI-5400-60S	Nominal pipe size 6.0" (Sch 40 Steel)	\$ 1,715.00
CDI-5400-80S	Nominal pipe size 8.0" (Sch 40 Steel)	\$ 2,115.00
CDI-5400-50M	Nominal pipe size 50mm (Metric Aluminum)	\$ 565.00
CDI-5400-63M	Nominal pipe size 63mm (Metric Aluminum)	\$ 765.00
CDI-5400-76M	Nominal pipe size 76mm (Metric Aluminum)	\$ 915.00
CDI-5400-101M	Nominal pipe size 101mm (Metric Aluminum)	\$ 1,215.00
<b>Drill Guides</b>		
5200-DG	Drill Guide for 5200 series (all sizes)	\$ 85.00
5400-S-DG	Drill Guide for 5400 series (Sizes 2", 2.5" and 63mm, both steel and copper)	\$ 85.00
5400-30-x-DG	Drill Guide for 5400 series (Size 3") (specify x=S for steel or x=C for copper at time of order)	\$ 85.00
5400-40-x-DG	Drill Guide for 5400 series (Size 4") (specify x=S for steel or x=C for copper at time of order)	\$ 85.00
5400-50S-DG	Drill Guide for flow meter model 5400-50-S (5" steel pipe)	\$ 115.00
5400-60S-DG	Drill Guide for flow meter model 5400-60-S (6" steel pipe)	\$ 115.00
<b>Modbus Option</b>		
-SC CDI Modbus	Modbus RTU Slave serial communication option	\$ 70.00
<b>Tipping Bucket Rain Gage</b>		
TBRG-1	18cm dia x 30cm tall. 0.1mm per tip, Accuracy of 2% up to 25mm/hr, 3% for up to 50mm/hr rainfall rate, normally open reed switch output (connect to one of our logger counter inputs. Mounts on a 1" ID steel pipe (1.34" OD) or via 3 mounting screws on bottom.	\$ 500.00
TBRG-2	Same as TPRG-1 but has 18W heater that warms the catchment area and the cylinder. Thermostatically operated. Includes a wall plug-in power adapter (120 or 240Vac, specify at time of order) nominal 24Vac output.	\$ 640.00
<b>Wind Speed and Direction</b>		
LBI-WDS05103	Wind speed and direction transducer, torpedo type, Accuracy +/-0.6mph over 2.2 to 220mph range; +/-3Deg dir accuracy. 10Kohm pot for direction (15Vdc max) and sine wave voltage output for speed (160mVpp at rated 2.2mph startup) 7" propeller, 22" length. 1" pole mounting.	\$ 986.00
LBI-WDS05103V	Wind speed and direction transducer, torpedo type, Accuracy +/-0.6mph over 2.2 to 220mph range; +/-3Deg dir accuracy. Signal conditioned outputs of 0-5Vdc. Supply power of 12 to 30Vdc. 7" propeller, 22" length. 1" pole mounting.	\$ 1,274.00
LBI-WDS18446	Cable for WDS05103 and WDS05103V transducers, shielded 5-conductor	\$0.50/ foot
LBI-WDS05103L	Wind speed and direction transducer, torpedo type, Accuracy +/-0.6mph over 2.2 to 220mph range; +/-3Deg dir accuracy. 4-20mA signal conditioned outputs. Supply power of 12 to 30Vdc. 7" propeller, 22" length. 1" pole mounting.	\$ 1,266.00
LBI-WDS18723	Cable for WDS05103L, 2-pair shielded	\$0.60/ foot
<b>4-20mA Signal Conditioning Modules</b>		

LBI-4500H	PT 100 RTD signal conditioning module with 4-20mA output. 2, 3 or 4 wire RTD connection, 10 to 35Vdc burden voltage, loop powered, full input to output isolation. Requires setup with Programming Kit below. Hockey puck design, surface or head mountable.	\$ 120.00
LBI-7600H	Universal input signal conditioning module with 4-20mA output. Accepts RTD, thermocouple, mVdc and resistance inputs, 10 to 35Vdc burden voltage, loop powered, full input to output isolation. Requires setup with Programming Kit below. Hockey puck design, surface or head mountable.	\$ 175.00
SCM- PgmingKit	Signal conditioning module Programming Kit; includes special interface cable to connect module to a PC RS-232 port for configuration. Use on LBI-4500H, 7600H	\$ 145.00
<b>Electrical - Misc</b>		
FCT-1	Signal conditioning transformer to measure Hz with xIM-2, max. input: 150Vac max.	\$ 68.00
HVDC-100	DC Voltage 50:1 divider cable- 12" inch cable, max Vdc: 100V. Use with 2 Vdc input.	\$ 28.00
HVDC-0.5-10K/10K	DC Voltage 2:1 divider cable- 12" inch cable with strip and tinned leads. Tagged with actual divider ratio.	\$ 28.00
<b>Price / FOB Policy</b>		
Prices are U.S. dollars, FOB La Mesa, CA. Standard shipment is UPS ground unless otherwise specified at time of order. Terms are COD, credit card or Net 30 OAC. International orders are prepay, wire transfer or credit card, VISA, MasterCard or American Express.		
<b>Limited Warranty</b>		
Logic Beach Incorporated warrants its Portable Data Logging products to be free of defects in workmanship and materials, or other malfunction or failure to perform, under normal use and service, for one year from the date of purchase. Logic Beach will at its' option, repair or replace the products. This warranty composes the entire warranty with respect to our Data Logging Products and is in lieu of all others, expressed or implied, including any warranty of merchantability and warranty of fitness for a particular purpose and for no reason will Logic Beach be responsible for any consequential damages of any nature whatsoever. Prices and specifications are subject to change without notice. Distributor items are subject to their manufacturer's warranties. Full Terms and Conditions can be viewed online at <a href="http://www.logicbeach.com">www.logicbeach.com</a> .		
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