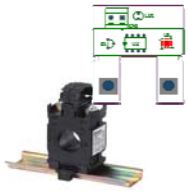
Danntech Product Name	Photo	Input	Background	Product Features	Product Brochure	User Manual	Output	Communications	Response Time	Power Supply
Eco-Line Signal Converter		0 to 1 mA DC up to 0 to 15 A DC only.	Using our slightly modified Eco-Line Signal Converter we can measure DC currents by installing a shunt resistor and the Eco-Line configured for suitable mV input.	Digital design with all the Eco-Line features - DC current	gb62	Detailed user manual available.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V.	Isolated RS232 TTL option.	Approximate minimum of 100mS (10Hz).	12VDC 24VDC
Eco-Line Signal Converter with External Shunt		Any current as per shunt. Using mV input with DC current only.	Same as above with an external shunt	Digital design with all the Eco-Line features - DC currents.	gb62	Detailed user manual available.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V.	Isolated RS232 TTL option.	Approximate minimum of 100mS (10Hz).	12VDC 24VDC
3 Input Voltage/Current Transmitter (HCIT)		Any current up to about 30 A (and higher?), using customised shunts. DC or AC. Can also do voltages up to 600 VAC.	Originally designed for Beyond Wireless, multiple 3 x 0 - 600 VAC for motor power monitoring. Needs a design update - larger enclosure, optional display, power monitoring? Mains power supply option? New Current Transmitter hardware and firmware.		pc17	Detailed user manual available.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V - three outputs share a common 0V.	None, although had plans for a plug-on PCB to collect serial data from three channels for display or Serial Comms and perhaps a phase angle measurement?	Approximate minimum of 100mS (10Hz), faster for Fast Version.	9-18V; 18-36V
High Current Input Transmitter (HCIT)		Any current up to about 250 A with internal shunt and higher with external shunt - depends upon shunt geometry. DC or AC.	Shunt included with Eco-Line inside plastic enclosure.	Has all features of the Ecoline and actually needs a dedicated PCB designed to make assembly easier, faster and cheaper. DC current.	Not yet available.	Detailed user manual available.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V.	Isolated RS232 TTL option.	Approximate minimum of 100mS (10Hz).	12VDC 24VDC
Current Transmitter DC Powered RMS		0 to 1 mA DC up to 0 to 15 A DC	Similar to Eco-Line design with more powerful processor to do RMS to DC conversion. Frequency response 10 to 300 Hz.	Any AC or DC current input up to 15 A, standard inputs are 0-1, 0-5, 0-10 and 0-15A. Response time approximately 1 sec.	gb74	Available, needs an update.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V, etc.	Isolated RS232 TTL option.	Approximate minimum of 100mS (10Hz).	12VDC 24VDC
Current Transmitter DC Powered - Wide Bandwidth, True RMS, Fast Responding and Wide Input Frequency		0 to 1 mA DC up to 0 to 15 A DC, voltage up to 100 VAC	Same as above except uses special hardware to do True RMS to DC Conversion. Frequency response from DC to 10 kHz.	Response time approximately 1 sec. Fast responding version has half cycle response up to 60 Hz or more.	gb74	Available, needs an update.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V, etc.	Isolated RS232 TTL option.	<1 second	12VDC 24VDC
Current Transmitter Mains or DC Powered - RMS		0 to 1 mA DC up to 0 to 15 A DC, voltage up to 500 VDC or VAC.	A digital version of the unit we have made for many years. (DT203)	Any AC or DC current input up to 15 A, standard inputs are 0-1, 0-5, 0-10 and 0-15A. Response time approximately 1 sec.	gb15	None	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V, etc.	Isolated RS232 TTL option.	<1 second	
Current Transmitter Mains or DC Powered - RMS, Dual Alarm Relay Outputs		0 to 1 mA DC up to 0 to 15 A DC, voltage up to 250 VDC or VAC.	Same as above except uses special hardware to do True RMS to DC Conversion. Frequency response from DC to 10 kHz.		Needs an update from gb15	None		Isolated RS232 TTL option.	<1 second	
Current Transducer - Self Powered		0-1 A AC or 0-5 A AC	Have been making for many years, now into second batch of original design. Have completed the new design, still need to layout the new PCB and write the firmware.	AC only - uses an internal CT for measurement and for generating power for the 4-20 mA output.	Not yet available.	none	0-20 mA, 4-20 mA	Isolated RS232 TTL option.	<1 second	Self powered.
Low Cost AC Current Transducer - output is loop powered		0-1 A AC or 0-5 A AC								

Low Cost AC Current Transmitter		0-50 A AC up to 0 300 A AC using different current transformers.	This is an idea I have to add a loop powered amplifier/controller onto the DIN rail mounting current transformer.	PCB designed to be low cost and mass produced for cheap way of measuring AC current. Fitted to a range of CTs from 50 A up to 300 A.	Not yet available.	Not yet available.	Loop powered 4-20 mA, maybe RS485 in the future?	none	< 1 second	Loop powered.
Quad Signal Converter		0-1A, 0-5 A AC or DC on two inputs only ! Other inputs: 4-20mA, 0-20mA, 0-10V, ±10V, 0-100mV, 0-5V, 0-100V.	A complete redesign of our original Quad Signal Processor	Four isolated inputs with a variety of options. 12 bit A/D and D/A input.Three outputs loop powered 4-20 mA, one output self powered. Four relay outputs. USB and RS485 interfaces available. Mains or DC powered.	gb78 Quad Signal Converter (QSC) - available.	Not yet available.	3 x Loop Powered 4-20 mA; one self powered output 0-20mA, 4-20mA, ±10V, 0-5V, 0-10V	Isolated USB, RS485, Modbus	< 1 second	Mains or DC
High Current Input Power Transmitter (HCIPT)		Any current up to about 250 A using an internal shunt. DC or AC. Various input supply options: a. 9 to 36 VDC b. 9 to 72 VDC c. 90 to 260 VAC	Originally designed for solar applications to measure and transmit the voltage, current and calculated power, charging and discharging.	An isolated auxiliary input which can be used for any AC or DC voltage or current inputs. Both the main and auxiliary inputs have the following features: a. Voltages from 50 mV up to 300 V b. Currents from 0 to 20 mA up to 10 A (directly input without shunt). c. DIP switch and link settings for the various input options. d. An internal 20 VDC 30 mA fused supply for loop powered transmitter inputs	High Current Input Power Transmitter - Information - preliminary brochure.	Pre-liminary user manual available.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V.	Isolated RS232 TTL option.	Approximate minimum of 100mS (10Hz).	12VDC 24VDC
DC Power Transmitter (Low Voltage)		Any current up to about 250 A using an external shunt. Up to 15 A with internal shunt. DC or AC. Various input supply options: a. 9 to 36 VDC b. 18 to 72 VDC	This small, multi-processor, DC power transmitter is ideal for battery systems where charge/discharge monitoring is required. The device uses the voltage being monitored to power itself. The current input can be self-contained up to 15 A DC or higher using an external current shunt.The current input can be bi-polar for charging and discharging applications.	Multi-way galvanic isolation (1000 VAC) between the voltage input, the current input, the output and the communications. The facility for galvanically isolated serial communications has been included for configuration and for remote access to all the measurements and internal settings.	High Current Input Power Transmitter - Information - preliminary brochure.	Preliminary user manual available.	4-20mA, 0-20mA, ±10V, ±5V, 0-5V, 0-10V. Digital or pulse outputs can be provided with an opto-isolated transistor output up to 1 kHz or a relay for a pulse output. The digital output can also be configured as Power Trip/Alarm.	Isolated RS232 TTL option.	Approximate minimum of 100mS (10Hz).	12VDC 24VDC