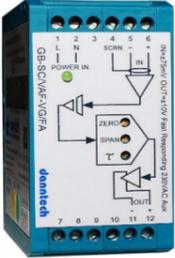
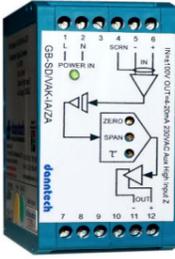
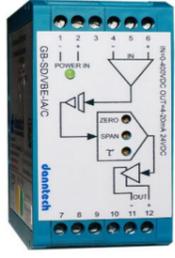
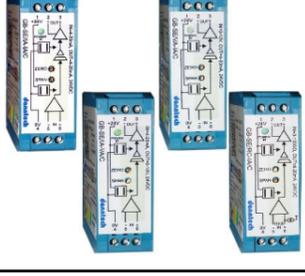
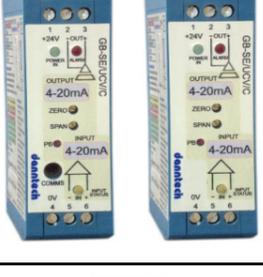
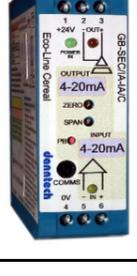
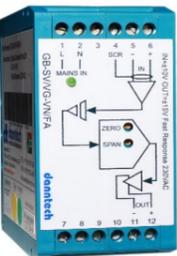
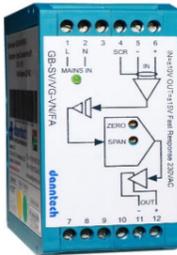
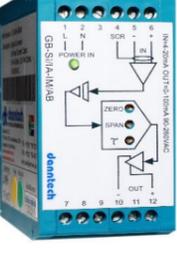
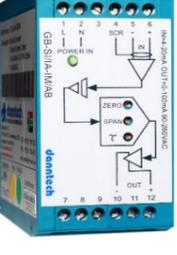
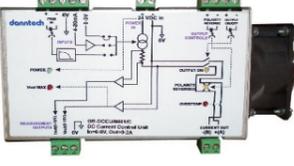
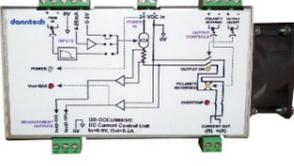


	Title	Product	Website	Headline	Description	
1	Signal Converter - Analogue		GB-SC	https://dantech.com/products/gb-sc	Use this for high speed > 1 kHz or high accuracy, better than $\pm 0.2\%$. Mains or DC powered.	Standard inputs from 0-50 mV, ± 10 V to 4-20 mA. Bipolar input and output configurations. Customised ranges on request. Maximum input signals of 500 VDC for voltage inputs and ± 1000 mA for current inputs. Outputs 0-10 V, ± 10 V, 4-20 mA and 0-20 mA. Filter time constant from 0 to 20 seconds. Frequency response 1 kHz (or higher). Linearity better than 0.1% of full scale. Supplies 115 VAC, 230 VAC, 90 - 265 VAC, or DC 12 V, 24 V, 18 - 36 V, 9 - 36 V, 9 - 72 V. Isolation between input and output >1,500 VAC for AC powered versions and >1,000 VAC for DC powered versions.
2	Signal Converter - Digital		GB-SD	https://dantech.com/products/gb-sd	The preferred option for mains powered applications. Can be mains or DC powered.	Standard inputs from 0-50 mV, ± 10 V to 4-20 mA. Bipolar input and output configurations. Customised ranges on request. Maximum input signals of 100 VDC for voltage inputs and ± 10 A for current inputs. Outputs 0-10 V, ± 10 V, 4-20 mA and 0-20 mA. Filter time constant from 0 to 12 seconds. Frequency response 10 Hz. Linearity better than 0.3% of full scale. Supplies 115 VAC, 230 VAC, 90 - 265 VAC, or DC 12 V, 24 V, 18 - 36 V, 9 - 36 V, 9 - 72 V. Isolation between input and output >1,500 VAC for AC powered versions and >1,000 VAC for DC powered versions.
3	Signal Converter - DC Voltage Inputs > 100 VDC		GB-SDH	https://dantech.com/products/gb-sd-v	DC voltage converters up to 500 VDC. Can be mains or DC powered.	Standard inputs up to 500 VDC. Compact and accurate. Bipolar input and output configurations. Customised ranges on request. Outputs 0-10 V, ± 10 V, 4-20 mA and 0-20 mA. Filter time constant from 0 to 12 seconds. Frequency response 10 Hz. Linearity better than 0.2% of full scale. Supplies 115 VAC, 230 VAC, 90 - 265 VAC, or DC 12 V, 24 V, 18 - 36 V, 9 - 36 V, 9 - 72 V. Isolation between input and output >1,500 VAC for AC powered versions and >1,000 VAC for DC powered versions.
4	Eco-Line Signal Converter		GB-SE	https://dantech.com/pages/eco-line-signal-converters	The preferred option for DC powered applications.	Standard low cost versions 4-20 mA to 4-20 mA, 0-10 V to 4-20 mA, 4-20 mA to 0-10 V, 24 VDC auxiliary supply. Bipolar input and output configurations. Reliable operation down to 0-50 mV for shunts. Customised ranges on request. Maximum input signals of ± 100 VDC for voltage inputs and ± 10 A for current inputs. Outputs 0-10 V, ± 10 V, 4-20 mA and 0-20 mA. Filter time constant from 0.2 to 60 seconds. Frequency response 5 Hz. Linearity better than 0.1% of full scale. Supplies DC 12 V, 24 V, 18-36 V, 9-36 V, 9-72 V. Isolation between input and output >1,000 VDC.
4A	Eco-Line Signal Converter Sub-Categories			https://dantech.com/collections/ecolines-standard	Converting and isolating standard process signal types - economically priced.	4-20 mA to 4-20 mA, 0-10 V to 4-20 mA, 4-20 mA to 0-10 V, 0-10 k Ω to 4-20 mA, 24 VDC auxiliary supply. Filter time constant from 0.2 to 60 seconds. Frequency response 5 Hz. Linearity better than 0.1% of full scale. Isolation between input and output >1,000 VDC.
4B				https://dantech.com/collections/eco-lines-customizable	This group of Eco-Lines includes any variation from the standard types. We have a long list of different types already made and can also do customized configurations.	Includes all the features of the standard types. Input voltages from ± 20 mV up to ± 100 V. Input currents from ± 0.1 mA up to ± 10 A. Output voltages ± 50 mV up to ± 11 V. Output currents from ± 1 mA up to ± 22 mA. Resistance inputs from 0-100 Ω to 0 to 10 k Ω . Filter time constant from 0.2 to 60 seconds. Linearity better than 0.1% of full scale. Isolation between input and output >1,000 VDC.
4C				https://dantech.com/products/gb-se-ucv?pos=7&sid=b48449067&ss=1	The UCV Eco-Line provides a way for the user to customize the operation of the unit. Using the standard firmware with a Graphical User Interface (GUI) customized input and output values can be set up.	Includes all the features of the standard types. Input voltages from ± 20 mV up to ± 100 V. Input currents from ± 0.1 mA up to ± 10 A. Output voltages ± 50 mV up to ± 11 V. Output currents from ± 1 mA up to ± 22 mA. Resistance inputs from 0-100 Ω to 0 to 10 k Ω . Filter time constant from 0.2 to 60 seconds. Linearity better than 0.1% of full scale. Isolation between input and output >1,000 VDC.
4D				https://dantech.com/products/gb-se-ucv?pos=7&sid=b48449067&ss=1	Eco-Line with serial communications. This unit can be configured as any variation from the standard type. Serial communications is provided for access to the analogue input and control of the analogue output.	Includes all the features of the standard types. Input voltages from ± 20 mV up to ± 100 V. Input currents from ± 0.1 mA up to ± 10 A. Output voltages ± 50 mV up to ± 11 V. Output currents from ± 1 mA up to ± 22 mA. Resistance inputs from 0-100 Ω to 0 to 10 k Ω . Filter time constant from 0.2 to 60 seconds. Linearity better than 0.1% of full scale. Isolation between input and output >1,000 VDC.
4E				https://dantech.com/pages/eco-line-signal-converters-special-functions-1	Some of the implementations of our Eco-Line Signal Converters.	Fixed Setpoint Controller, Arduino Interface, Square Root Extractor, Scuff Gauge Signal Converter, Printing Press Controller Interface, PWM Converter, Pulse Accumulator, pT100 Transmitter Converter, NTC Thermistor Temp Sensor Converter, 0-50 mV Output Converter, Joystick Interface, DC Current and Voltage Measurement, Solar Irradiance Sensor Signal Conversion.

5	High Voltage Output Signal Converter - Analogue		GB-SV	https://danatech.com/products/gb-sv	An option for output voltages > ±12 V. Output signal ranges - 0-20 V, 0-30 V, ±20 V, ±15 V, 0-24 V, 10-24 V, 0-15 V. Can be mains or DC powered.	Standard input signal ranges - 4-20 mA, 0-20 mA, 0-5 V, 0-10 V, ±1 V, ±10 V. Customised ranges on request. Filter time constant from 0 to 60 seconds. Standard step response 0.2 Secs, high speed types less than 20 ms. Linearity better than 0.5% of full scale. Supplies 115 VAC, 230 VAC, 90 - 265 VAC, or DC 12 V, 24 V, 18 - 36 V, 9 - 36 V, 9 - 72 V. Isolation between input and output >1,000 VAC.
6	High Voltage Output Signal Converter - Digital		GB-SVD		A digital update of the analogue version which is more economical to make and more flexible. Response time is limited to around 10 ms.	
7	Process Signal to Bi-Polar Current Converter		GB-SI	https://danatech.com/products/gb-si	Current output ±100 mA with a maximum output voltage of ±12 V. Only use this for high speed > 1 kHz or high accuracy, better than ±0.5%	DC servomotor drive, hydraulic valve control, test systems, electrochemical testing. Standard input signal ranges - 4-20 mA, 0-20 mA, 0-5 V, 0-10 V, ±1 V, ±10 V. Customised ranges, PWM and frequency. Constant current output. Linear control of output, not switched mode. Standard step response 0.1 sec standard and high speed output responses, up to 1 kHz. Supplies 115 VAC, 230 VAC, 0 - 265 VAC, or DC 12 V, 24 V, 18 - 36 V, 9 - 36 V, 9 - 72 V. Isolation between input and output >1,000 VAC.
8	Process Signal to Bi-Polar Current Converter - Digital		GB-SID		Current output ±100 mA with a maximum output voltage of ±12 V. A digital update of the analogue version which is more economical to make and more flexible. Response time is limited to around 10 ms.	
9	High Current Output Signal Converter (HCOSC)		GB-SH	https://danatech.com/products/gb-sh	Voltage or current outputs of up to ±10 V with various models going up to ±1.33 A. DC powered only with several options. Hydraulic valve version available.	Standard input signal ranges - 4-20 mA, 0-20 mA, 0-5 V, 0-10 V, ±1 V, ±10 V. Customised ranges on request. Constant voltage or constant current output. Linear control of output not switched mode. Standard step response 0.1 Secs. Linearity better than 0.5% of full scale. Digital input with internal output isolation relay. Heatsink temperature monitoring. Optional RS485 communications. DC powered - 12 V, 24 V, 18-36 V, 9-36 V. Isolation between input, output and power supply >1,000 VAC.
10	DC Current Control Unit (DCCU) - Analogue		GB-DCCUA	https://danatech.com/products/gb-dccu-1	Current outputs up to 2 A. Voltage compliance (max) is 20 V. External DC Power Supply. Polarity reversal & output ON/OFF with digital input not isolated. Monopolar output.	Frequency response 10 Hz. Inputs: 0-5 V, 0-10 V, 0-20 mA, 4-20 mA, digital input - Pulse Width Modulated 0-100% and potentiometer input. Output ON/OFF and output polarity controlled by galvanically isolated digital inputs either 5 V or 24 V - internal link selectable. Forced air cooling with high quality integral fan. Current and voltage feedback outputs 0-10 V proportional to the full scale values. Overtemperature protection with LED indication and automatic shutdown.
11	DC Current Control Unit (DCCU) - Digital		GB-DCCUD		A digital update of the analogue version which is more economical to make and more flexible. Response time is limited to around 10 ms.	New version has input isolated and many more options. Monopolar output.