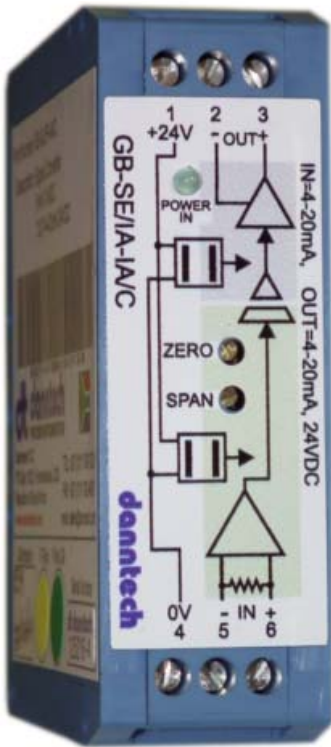


ECO-LINE SIGNAL CONVERTERS



Danntech have been making signal converters in South Africa for more than 25 years - you can benefit from our experience and knowledge!

Signal conversion, amplification and isolation.

Elimination of the effects of ground loops from distributed process signals.

Protection of measurement signals against interference such as generated by motors, contactors and power line surges for non-isolated devices and PLC inputs.

Process signal amplification in situations where the line impedance is too great to effectively drive the required instrumentation.

designed and manufactured in South Africa

Three easy ordering options:

A - order from our standard stock configurations

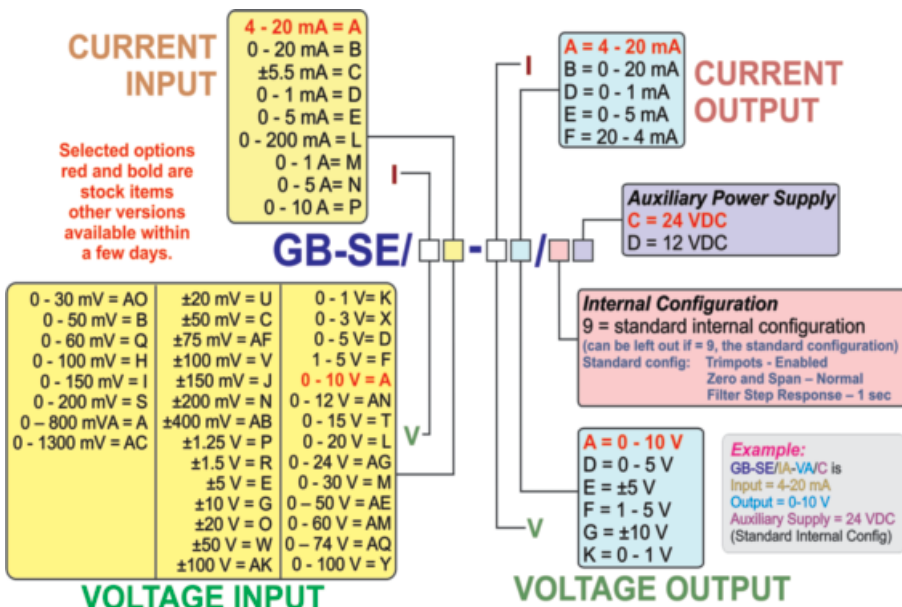
B - order from our detailed list of various options (more than 50 different inputs and more than 10 different outputs)

C - order the User Configurable Version (UCV) and you can configure the device to suit yourself.

SPECIFICATIONS:

- Standard input and output signal ranges 4-20 mA and 0-10V.
- Input ranges, from 50 mV to 100 V, 1 mA up to 10 A DC.
- Output ranges, from 0-100 mV to ± 10 V, up to 22 mA.
- Bipolar input and output configurations.
- Customised input and output ranges on request.
- Selectable filtering options up to 60 seconds.
- Zero and span trim pots can be locked or disabled using a DIP switch.
- Wide or normal zero and span adjustment selection using a DIP switch.
- Input impedance of >100 k Ω for the voltage input and 50 Ω for the current input models.
- Maximum input signals of 100 V for voltage input and 10 A for the current input.
- Output load >2 k Ω for the voltage output and 500 Ω maximum for the current output.
- Step response approximately 200 mS.
- Linearity better than 0.1% of full scale.
- Auxiliary supply 24 VDC or 12 VDC $\pm 5\%$.
- Isolation between input, output and auxiliary power supply 1,000 VDC.
- Operating temperature -10°C to 70°C .
- 24 hour operational burn-in.
- Calibration sheet provided for each unit manufactured.
- DIN rail mounting with dimensions 25 x 80 x 85 mm (W x H x D).

PART NUMBERING:



Call us if you have special or unusual requirements, or need multiple channels, we have multi-I/O options available.



danttech
 PROCESS INSTRUMENTATION

Danntech cc

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