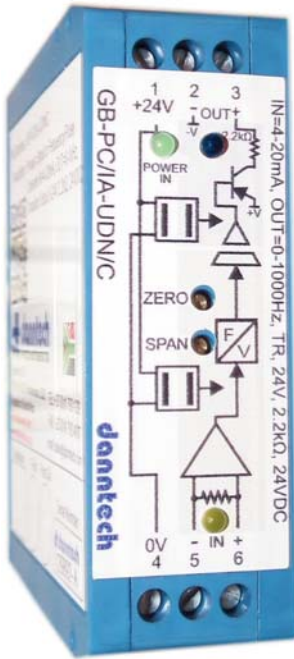


# PROCESS SIGNAL TO FREQUENCY/PULSE CONVERTER



Convert a variety of process signals to pulses.

Inputs from mV, mA, A to pulse inputs.

Output frequencies anywhere from 0.01 Hz through to 100 kHz.

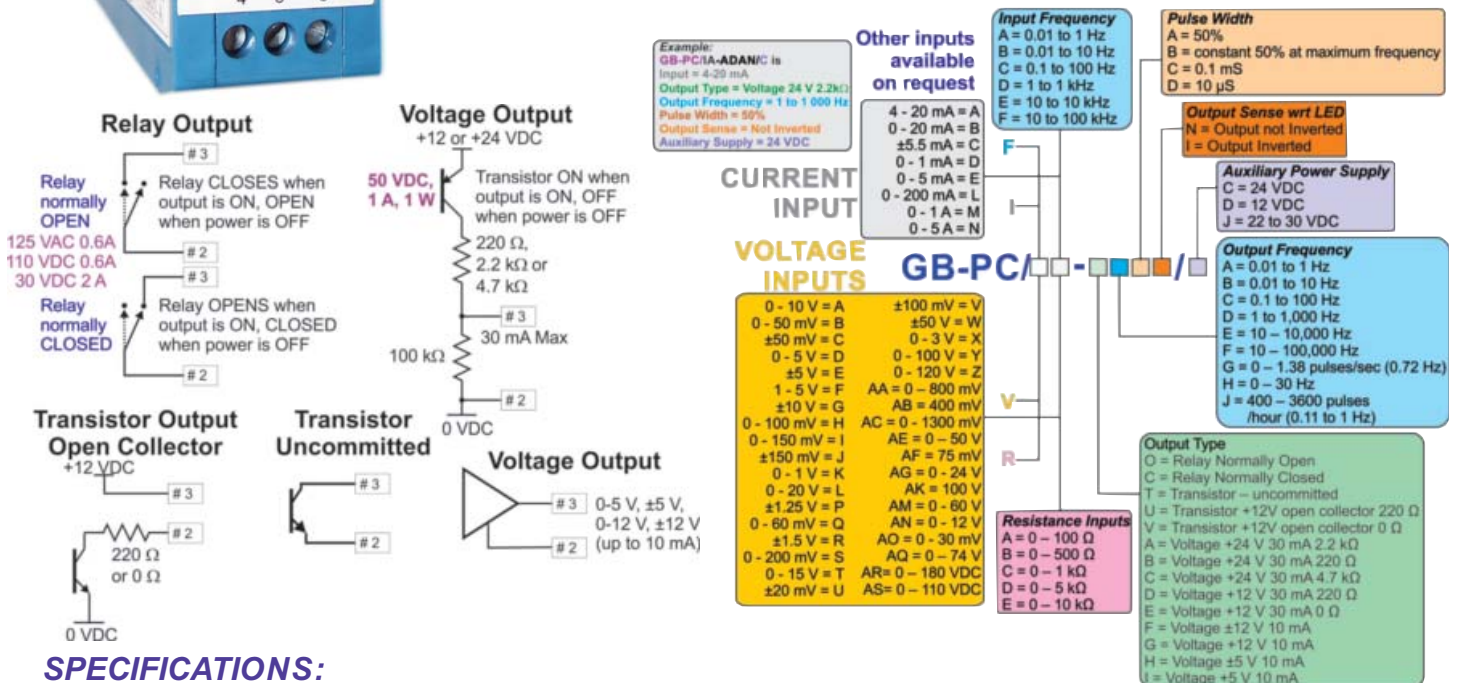
Transistor or relay output which can be configured to be either normally open or normally closed.

Multiple output configurations to choose from.

Selectable pulse width output.

LED input and output indication.

## PART NUMBERING:



## SPECIFICATIONS:

- Input signal ranges:  $\pm 50$  mV, 0-1 V, 0-10 V, 0-100 V, 0-250 V,  $\pm 10$  V,  $\pm 100$  V, and  $\pm 1$  mA, 4-20 mA, 0-20 mA, 0-1 A, 0-5 A, DC or AC. Resistance 0-100  $\Omega$  up to 10 k $\Omega$ . Frequency up to 100 kHz.
- Input impedance of  $>1$  M $\Omega$  for the voltage input and 50  $\Omega$  or less for the current input models.
- Potential free relay contact, transistor or various voltage outputs.
- Relay contact rating 125 VAC/0.6A, 110 VDC/0.6A or 30 VDC up to 2 A resistive load.
- Output frequencies from 0.01 Hz to 100 kHz.
- Customised input and output ranges on request.
- Input supply 24, 12 VDC  $\pm 10\%$  or 22 to 30 VDC.
- Isolation between input, output and supply  $>1000$  VDC.
- Selectable filtering options up to 60 seconds.
- Zero and span trimpots can be locked or disabled using a DIP switch.
- Wide or normal zero and span adjustment selection using a DIP switch.
- Step response approximately 1 mS with filter off.
- Linearity better than 0.5% of full scale.
- Operating temperature  $-10^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ .
- DIN rail mounting with dimensions 25 x 80 x 85 mm (W x H x D).



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