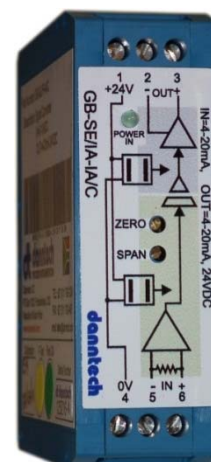


Eco-Line Signal Converter - Part Numbering

There are basically two main variants:

GB-SE/kg-nt/ip Eco-Line Signal Converter [input]/[output] [aux supply]

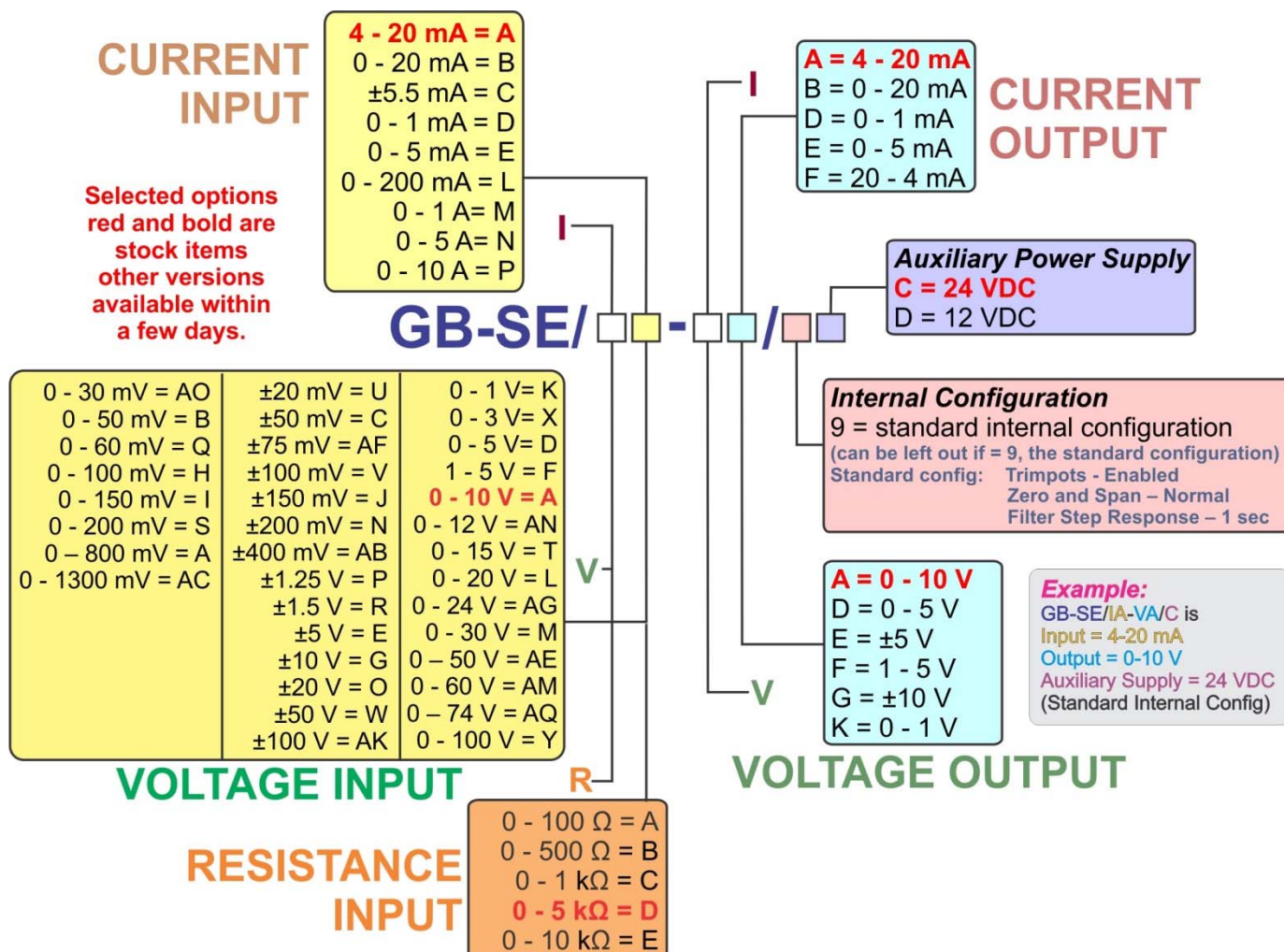
Basic preconfigured version. Has labels, etc. all preconfigured, **not** intended to be configured by the user (part number selected as indicated below).



AND

GB-SE/UCV/p

User Configurable Version, can specify 24 or 12 VDC auxiliary supply. Supplied at 4-20mA/4-20mA setup. Uses push button and DIP switches to select various options. User can change settings and has overstickers for various options and blanks for user to make up own ranges.



GB-SE/kg-nt/ip Eco-Line Signal Converter [input]/[output] [aux supply]

k - signal input type: I = current DC, V = voltage DC, R = resistance, NTC10 = NTC Thermistor 10K

g - input signal range

current (k=I):

- A = 4 - 20 mA
- B = 0 - 20 mA
- C = ±5.5 mA
- D = 0 - 1 mA
- E = 0 - 5 mA
- F = 0 - 50 mA
- G = ±5.0 mA
- H = ±150 mA
- J = 0 - 60 mA
- K = 0 - 10 mA
- L = 0 - 200 mA
- M = 0 - 1 A
- N = 0 - 5 A
- P = 0 - 10 A
- Q = 0 - 15 A
- R = ±200 mA
- S = ±75 mA

voltage (k=V):

- A = 0 - 10 V
- B = 0 - 50 mV
- C = ±50 mV
- D = 0 - 5 V

- E = ±5 V
- F = 1 - 5 V
- G = ±10 V
- H = 0 - 100 mV
- I = 0 - 150 mV
- J = ±150 mV
- K = 0 - 1 V
- L = 0 - 20 V
- M = 0 - 30 V
- N = ±200 mV
- O = ±20 V
- P = ±1.25 V
- Q = 0 - 60 mV
- R = ±1.5 V
- S = 0 - 200 mV
- T = 0 - 15 V
- U = ±20 mV
- V = ±100 mV
- W = ±50 V
- X = 0 - 3 V
- Y = 0 - 100 V
- AA = 0 - 800 mV
- AB = ±400 mV
- AC = 0 - 1300 mV
- AE = 0 - 50 V

- AF = ±75 mV
- AG = 0 - 24 V
- AK = ±100 V
- AM = 0 - 60 V
- AN = 0 - 12 V
- AO = 0 - 30 mV
- AP = 0 - 75 mV
- AQ = 0 - 74 V
- *AR= 0 - 180 VDC
- *AS= 0 - 110 VDC
- AT= 0 - 40 VDC
- AU= 0 - 18 VDC
- (* above 100 V DC input the GB-SC/Vx.../C is recommended)
- BA=0 - 20 mV

resistance (k=R):

- A = 0 - 100 Ω
- B = 0 - 500 Ω
- C = 0 - 1 kΩ
- D = 0 - 5 kΩ
- E = 0 - 10 kΩ
- F = 5 - 10 kΩ

n - output signal type : I = current V = voltage

t - output signal range

current (n=I):

- A = 4 - 20 mA
- B = 0 - 20 mA
- D = 0 - 1 mA
- E = 0 - 5 mA
- F = 20 - 4 mA
- G = 12 - 20 mA

voltage (n=V):

- A = 0 - 10 V
- D = 0 - 5 V
- E = ±5 V
- F = 1 - 5 V
- G = ±10 V
- K = 0 - 1 V
- L = 20 - 100 mV

i - internal configuration

Hexadecimal value for the DIP Switch 1, switches 1 (msb) to 4 (lsb) which select:
 Zero and Span Trimpots enabled/disabled,
 Zero and Span Normal/Wide Range and
 Moving Average Filter Step Response Time = off, 1, 10 or 60 seconds.
 SW1/4=LSB, SW1/1=MSB (see the User Manual):

i	SW1/1	SW1/2	SW1/3	SW1/4	
0	0	0	0	0	Trimpots – Disabled; Zero and Span – Normal Filter Step Response - off (0.1 sec)
9	1	0	0	1	Trimpots – Enabled; Zero and Span – Normal Filter Step Response – 1 sec (this the default)
A	1	0	1	0	Trimpots – Enabled; Zero and Span – Normal Filter Step Response – 10 sec
F	1	1	1	1	Trimpots – Enabled; Zero and Span – Wide Filter Step Response – 60 sec

p - auxiliary power supply-

C = 24 VDC, D = 12 VDC, E = 9 - 18 VDC, G = 18 - 36 VDC, H = 36 - 72 VDC, J = 22 - 30 VDC, K = 9 - 36 VDC