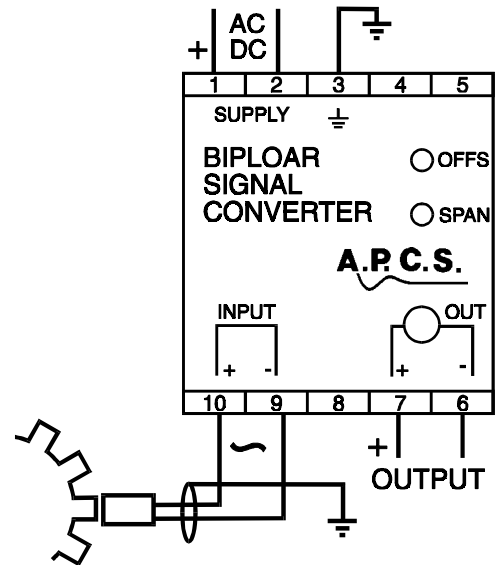


## Input Options 08,09,10: Frequency, DC Pulse, Differential BSC133

### OPTION 08 - Frequency Input

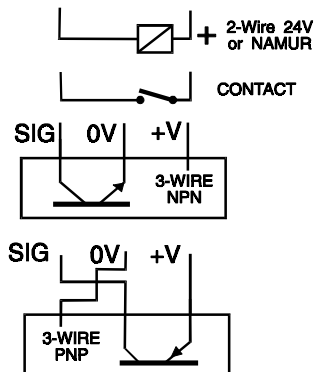
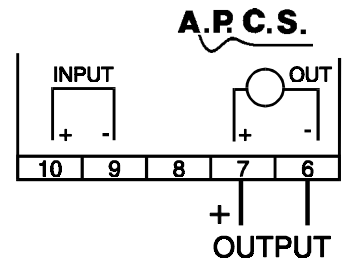
The converter can be configured for frequency input, accepting most pulse signals down to 0.2Vpp.

Calibration range:	0 - 10Hz...0-3kHz
Input type:	Sine, Triangle, Pulse 200mVpp. (70mV r.m.s.) min. 22Vpp. max.
Input impedance:	10k $\Omega$
Linearity & repeatability:	0.2% of range
Temperature effect:	0.012% / $^{\circ}\text{C}$
Offset:	-50% of range (e.g. 1 - 2kHz input)
Span:	$\pm 20\%$



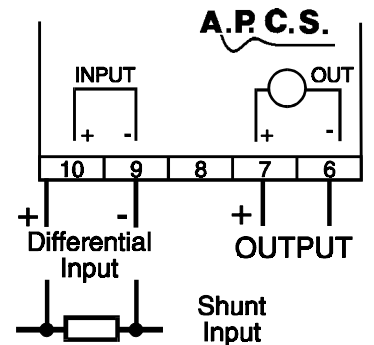
### OPTION 09 - DC Pulse Input

The converter can also accept a pulse input from proximity sensors or passive devices such as contact or open collector devices. An auxiliary supply of 8Vdc or 24Vdc is available at terminal 8, other data as per option 08 above.



### OPTION 10 - Floating Differential

Common mode input voltage range:	$\pm 15\text{Vdc}$
Differential input voltage range:	$\pm 12\text{Vdc}$
Common mode rejection ratio:	40dB
Input resistance:	200k $\Omega$



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