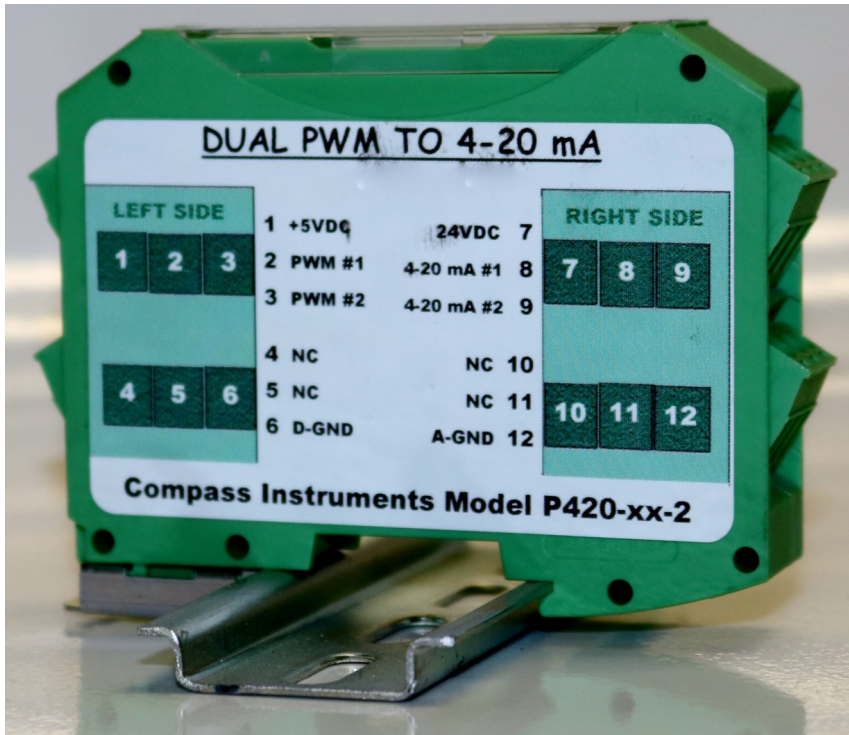




INNOVATION WITH DIRECTION



MODEL P420A

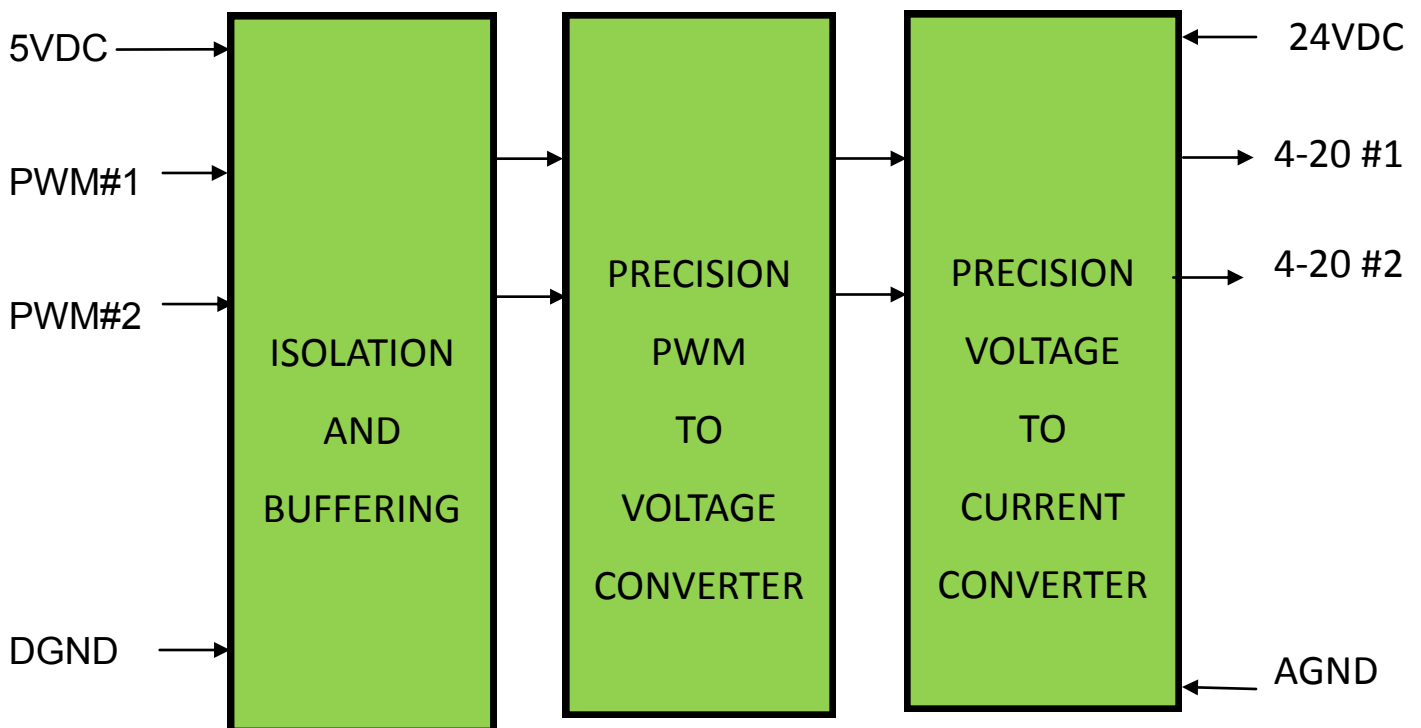
**PWM TO 4-20 MA
CONVERTER**

This unit contains precision analog circuitry to provide accurate signal outputs without worry of signal drifting or problems caused by heat build up.

For any application where 4-20 milliamp signals are needed but only PWM signals are available, this unit will provide the answer.

It is designed with the finest parts to provide long life and stable signals for high reliability systems requiring precision accuracy.

See options and pricing on the next page.



Note the pin-out descriptions are also shown on the previous page, and on each unit.

5VDC power applied to terminal 1 (+) and terminal 6 (—) is used to power the input stage.

24VDC power applied to terminal 7 (+) and terminal 12 (—) powers the rest of the unit including the output stage.

The two PWM inputs may be connected to terminals 2, and 3.

The 4-20 mA outputs are on terminals 8 and 9.

The delay between the input and output is dependent upon frequency and is typically less than 3 times the input waveform period. (Very responsive!)

The following units are available depending on the frequency of the PWM signal and the required resolution of the 4-20 milliamp output signals.

ORDER PART NUMBER	MAX FREQUENCY	RESOLUTION	COST EACH
P420-8-2	30 KHz	8 BIT	\$335.00
P420-10-2	15 KHz	10 BIT	\$340.00
P420-12-2	6 KHz	12 BIT	\$350.00

TYPICAL APPLICATION

