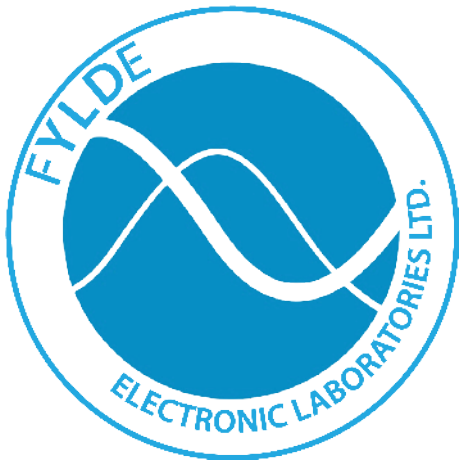


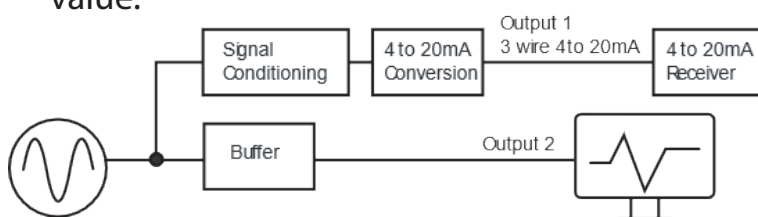


FE-777-VMA

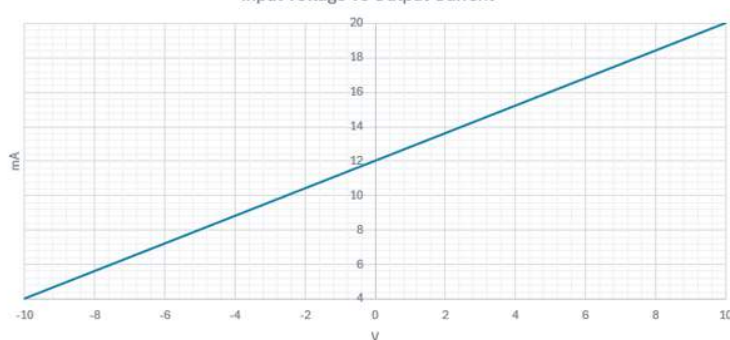
Voltage to Current Converter

Universal

The FE-777-VMA is a voltage to current converter for use in environments requiring 4-20mA control and measurement loops. The input is taken from a standard signal condition amplifier with an output range of $\pm 10V$ and converts this into a scaled 4-20mA 3 wire signal. This also has the advantage of creating a no zero zone at the output even when the input passes through 0V, the output always maintains a positive value.



Input Voltage Vs Output Current



Key Specifications

Parameter	Value
Input Range	-10V to +10V
Input Impedance	<1% loading effect on input signal (BNC)
Input Protection	Clamp protection set at +12V and -12V
Bandwidth	DC to 50kHz
Output 1	4 to 20mA 3 wire connection, using pluggable terminal block
Output 2	Voltage buffered input signal (BNC, 50R Impedance)
Propagation Delay	<400nS @ 50kHz
Thermal Drift	<50nA / °C



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