

Connection; Adder, Subtractor, Min/Max Selector SI236

Other Options:-

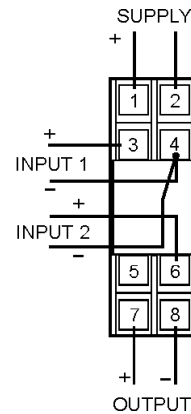
Adder

$$I_{OUT} = I_1 + I_2 \text{ OR } I_{OUT} = \frac{I_1 + I_2}{2} \text{ (AVERAGER)}$$

Input loads (4-20mA) :

$$I_1 = 50\text{ohm}$$

$$I_2 = 50\text{ohm} + 0.7V$$



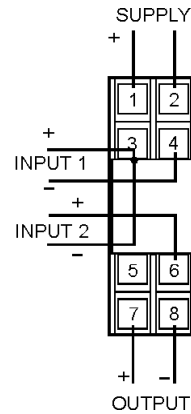
Subtractor

$$I_{OUT} = I_1 - I_2$$

Input loads (4-20mA) :

$$I_1 = 50\text{ohm}$$

$$I_2 = 50\text{ohm} + 0.7V$$



Minimum Selector

The output signal will follow the lower of both input signals.

Input load: 56 Ohm (4-20mA)

Maximum Selector

The output signal will follow the higher of both input signals.

Input load: 56 Ohm (4-20mA)

