

### OPTION 06

#### NOTE

The range of the ratio adjustment is manufactured to the customer requirement.  
A typical ratio adjustment range is 0.5 to 1.5.

$$OUTPUT = INPUT \times RATIO$$

#### EXAMPLE 1

Ratio adjustment range: 0.5 to 1.5

Input: 4-20mA.

Output: 4-20mA.

- When the ratio adjustment is set to the minimum (0%,  $RATIO = 0.5$ )  
4-20mA IN results in 4-12mA OUT.
- When the ratio adjustment is set half way (50%,  $RATIO = 1.0$ )  
4-20mA IN results in 4-20mA OUT.
- When the ratio adjustment is set to the maximum (100%,  $RATIO = 1.5$ )  
4-14.7mA IN results in 4-20mA OUT.  
Inputs above 14.7mA will not increase in a linear fashion above 20mA out.

#### EXAMPLE 2

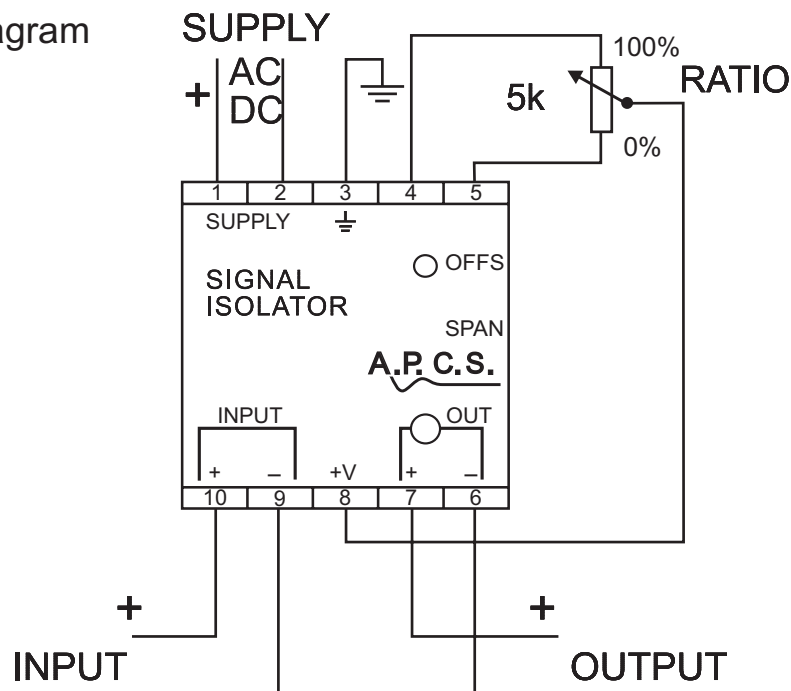
Ratio adjustment range: 1.0 to 2.0

Input: 4-20mA.

Output: 4-20mA.

- When the ratio adjustment is set to the minimum (0%,  $RATIO = 1.0$ )  
4-20mA IN results in 4-20mA OUT.
- When the ratio adjustment is set half way (50%,  $RATIO = 1.5$ )  
4-14.7mA IN results in 4-20mA OUT.
- When the ratio adjustment is set to the maximum (100%,  $RATIO = 2.0$ )  
4-12.0mA IN results in 4-20mA OUT.

### Connection Diagram



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