**Convenient 4-20 Milliamp Analog Output**

6 Current Ranges – Switch Selectable

1. Amp Full Scale
2. 3 Amps Full Scale
3. 5 Amps Full Scale
4. 10 Amps Full Scale
5. 25 Amps Full Scale
6. 50 Amps Full Scale

- **For small motors**
  - the capacity can be reduced by taking extra “turns” through the window.

- **For big motors**
  - use external current transformer.

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**Installation**

**AMP 420A**

Mount the AMP 420A and pass the conductor through the window. Either direction is okay.

Connect DC loop power.

- 12 Volt minimum
- 28 Volt maximum

Maximum connected impedance is 750 Ohms.

Select a full scale value. Unit is not damaged by an overload such as a starting inrush. Don’t change full scale switches while current is flowing.

**FOR LARGE MOTORS**

Use external current transformer with a 5 Amp secondary. Pass the secondary through the window. Turn switch 3 on (5 Amp). Full scale is the value of the current transformer.

**FOR SMALL MOTORS**

Reduce full scale by passing the conductor through the window more times (turns).

With 1 Amp switch on:

- 2 Turns = 0.5 Amps
- 4 Turns = 0.25 Amps

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**Dimensions**

- 3" x 3.9" x 1.75" High
  - (77mm x 100mm x 45mm)
- Window .5" (13mm)

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