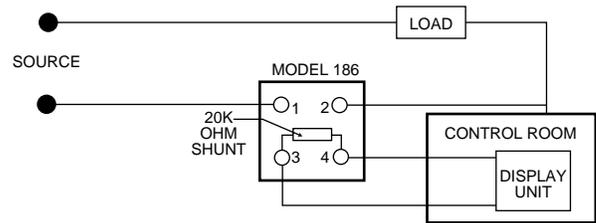


Model 186 Current Transformer

- **Optimal for Remote Sensing of AC Current Signals.**
- **Converts AC Current Signal to 0-10AC Volt Signal**
- **For use with Rectifier Type Analog Panel Meters or Digital Indicators.**
- **Perfect for Low Current Measurement Where a Donut Current Transformer would not Sense a Signal.**

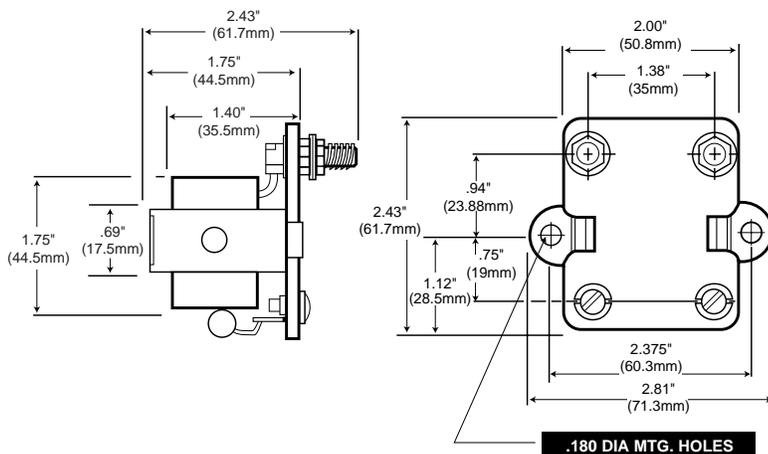


The model 186 current transformer converts a current signal to a 0-10 AC Volt signal. This signal can be easily transmitted to a remote location with little Voltage drop. The VA rating of a typical Donut Current Transformer allows only about 15 feet of wire between Donut and display unit. By converting the current signal to a voltage signal, the line loss to the display unit becomes a negligible factor over a greater distance.

These units are also about a third of the price compared to transmitters that amplify and isolate a current signal. Analog rectifier type meters can have custom dials installed to display the current value of the transformer. A digital display meter can be scaled to the current value easily, but a 20,000 ohm 1/2 watt shunt is required across the secondary of the current transformer for accuracy to be maintained.

Dimensions and Ordering Information

Dimension Drawing



Ordering Information

Range	VA	Cat. Number
0-5Amp	0.40	01312
0-10Amp	0.50	01314
0-15Amp	0.37	01315
0-20Amp	0.48	01316
0-25Amp	0.53	01317
0-30Amp	0.37	01318
0-40Amp	0.42	01319
0-50Amp	0.54	01321

Notes:

1. Accuracy readout of transmitter and meter @25°C with sinusoidal input is P/M 4% of F.S.
2. Operating temperature range is 140°F to -22°F (60°C to -30°C).