

Rogowski Coil

Ideal for temporary installations or when measuring one phase

Features

- Two output options:
 - o 4-20mA or
 - o Modbus
- Three rated options
 - o 500 Amps
 - o 1,000 Amps or
 - o 3,000 Amp
- Window Size:
 - o 500A has 50mm window
 - o 1,000A has 100mm window
 - o 3,000A has 150mm window
- 8 mm flexible coil for easy install
- Power: 24VDC
- Can be fastened by cable ties for permanent installs
- High linearity
- Wide dynamic range
- Low power consumption
- Non-intrusive and draw no power from the main circuit
- 2m cable included
- Accuracy +/- 0.5 over measuring range
- Cable position adjustment to accuracy $\pm 1\%$



This flexible transducer is particularly suitable for current measurements in combination with portable devices or where simplified power consumption is required. The large flexible coil makes it an excellent solution where a traditional current clamp is too difficult to fit. The coil is shielded against the influence of external magnetic fields and is suitable for high power load analysis, impulsive current monitoring and DC ripple measurements.

The inline integrator amplifies and converts the coil's output to a 4-20mA or Modbus standard signal for simple connection to your PLC or display.

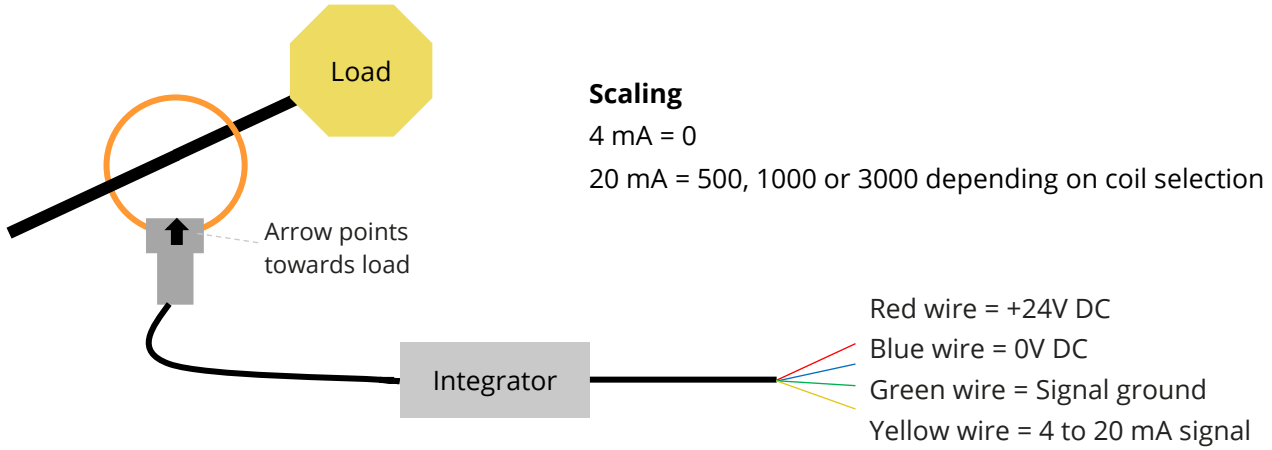
Benefits of current measurement:

- Reduce operating and energy costs
- Improve understanding of energy usage (eg spikes, variation, usage)
- Identify excess current draw issues
- Identify current imbalances on different phases
- Compare current draw to rated power usage
- Improve efficiency and reduce waste
- Monitor your mains power supply usage and peak loads
- Monitor individual equipment usage or sub system loads

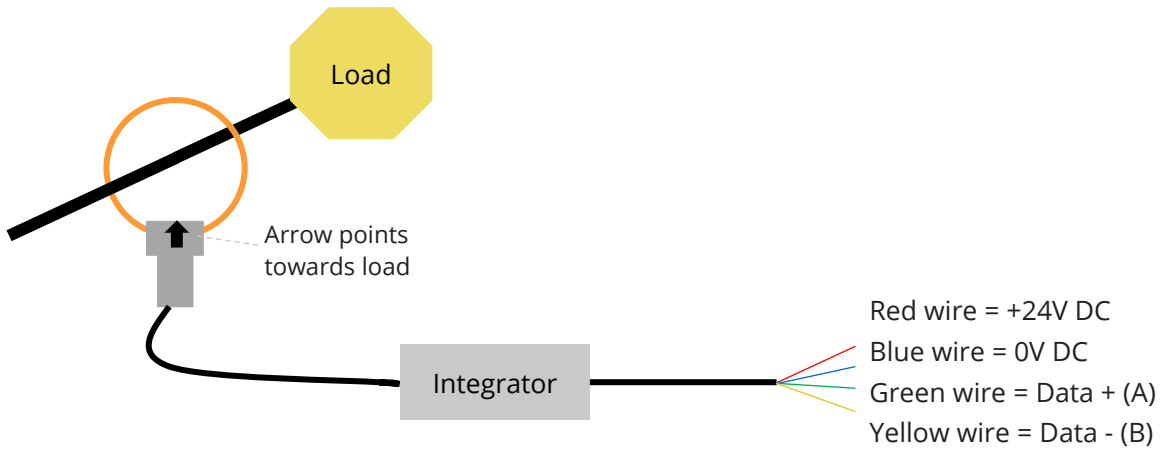




Wiring - 4 to 20mA



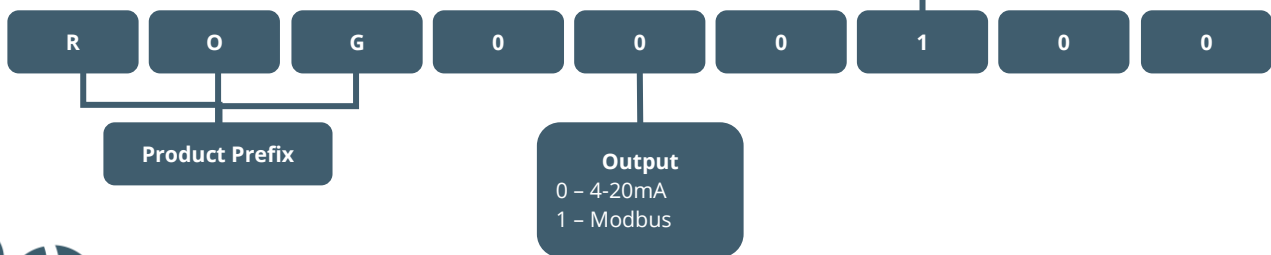
Wiring - Modbus



How to Order:

(For OEM or Own branded version, please contact Compressed Air Alliance)

Rogowski Coil
 1 - 500 amps
 2 - 1,000 amps
 3 - 3,000 amps
Please contact us for other coil ratings



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