

COM 4-20

Communication Link to PLC/SCADA/ Monitoring Systems



Description

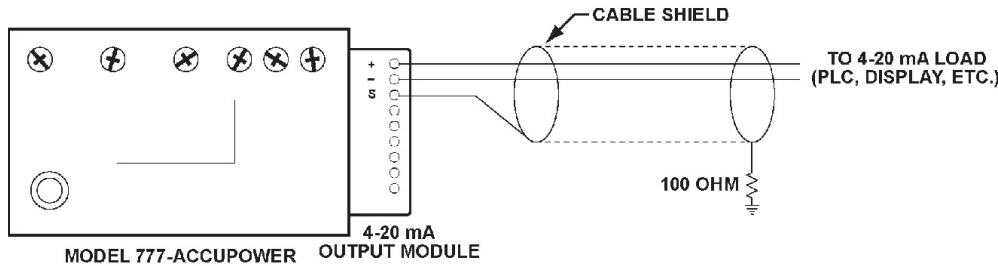
The COM 4-20 Output Module is intended for use with ONLY the Model 777-AccuPower output power monitor. The module will send a 4-20mA signal proportional to the output power. It can also be used to send the input power by setting the efficiency setting on the 777-AccuPower monitor to one. This module allows communication to a PLC with an analog input and no Modbus input.

Features

- Powered by the 777-AccuPower
- Scalable 4-20mA output proportional to Hp or kW
- Signal can be used for displays, controllers, or PLCs

Wiring Diagram

4-20mA OUTPUT MODULE



For dimensional drawing see: Appendix, page 507, Figure 2.

Specifications

Output Characteristics

Current 4-20mA

General Characteristics

Temperature Range -20° to 50°C (-4° to 122°F)

Terminal (depluggable terminal block)

Torque 3 in.-lbs. (max.)

Wire AWG 12-20 AWG

Class of Protection IP20

Relative Humidity 10-95%, non-condensing per IEC 68-2-3

Standards Passed

Electrostatic Discharge IEC 61000-4-2, Level 3, 6kV contact, 8kV air

Radio Frequency

Immunity, Radiated 150 MHz, 10V/m

Fast Transient Burst IEC 61000-4-4, Level 3, 4kV input power

Hi-Potential Test Meets UL508 (2 x rated V + 1000V for 1 min)

Surge

Input Power IEC 61000-4-5, Level 1

Inputs/Data Lines IEC 61000-4-5, Level 2

Safety Marks

UL UL508 (File #E68520)

CE IEC 60947

Enclosure Polycarbonate

Dimensions **H** 52.83 mm (2.08"); **W** 73.66 mm (2.9");

D 19.56 mm (0.77")

Weight 0.25 lb. (4 oz., 113.4 g)

Mounting Method #8 screws; mount to side of

777-AccuPower unit