

COM 4-20

Communication link to PLC/SCADA/
monitoring systems



Description

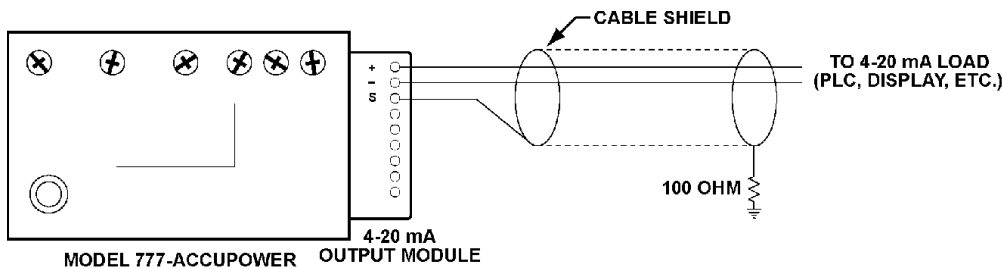
The COM 4-20 Output Module is intended for use with ONLY the Model 777-AccuPower output power monitor. The module will send a 4-20mA signal proportional to the output power. It can also be used to send the input power by setting the efficiency setting on the 777-AccuPower monitor to one. This module 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



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 |