



4-20 mA Amp Probe

The OmniSite Amp Probe will monitor AC motor amperage from 0-50, 0-100, or 0-200 amperes. The sensor outputs a 2-wire, 4-20mA signal. The sensors are a solid-core, where the conductor runs through the sensor. Amp probes are not needed to calculate pump on/off cycles and runtime, but are required to display pump amperage.

Works
With:



Crystal
Ball

Order Information

Part Number: S-MI-420MAP

Applications

- Monitor AC Motor Amperage
- Pump Station Monitoring

Features

- Solid core

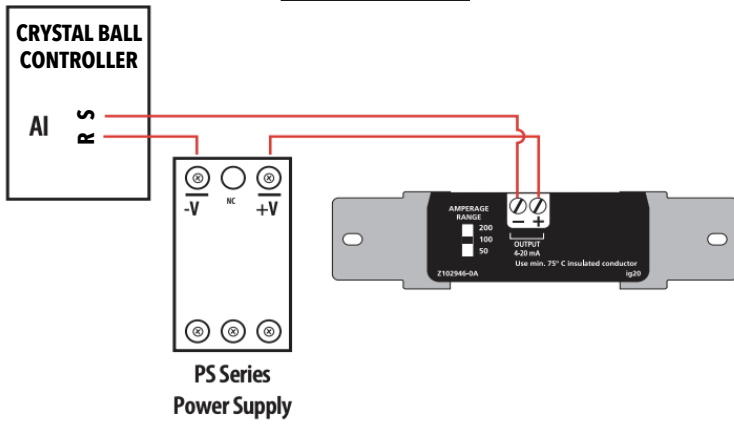
Specifications

- **Amperage Range:** 0 to 50/100/200 Amps (slide switch selectable)
- **Sensor Power:** 3 0mA (max)@12 to 30 VDC
- **Insulation Class:** 600 VAC RMS (UL), 300 VAC RMS (CE)
- **Frequency:** 50/60Hz
- **Temperature Range:** -15° to 60°C (5° to 140°F)
- **Humidity Range:** 10-90% RH, non-condensing
- **Accuracy:** ±2% FS from 10% to 100% of selected range, but not less than ±0.4 A
- **Response Time:** 2 sec.
- **Terminal Block Maximum Wire Size:** 14 AWG
- **Terminal Block Torque (nominal):** 4 in-lbs (0.45 N-m)
- **Agency Approvals:** UL 508 open device listing
CE: EN61010-1:2001-2, CAT III, Pollution Degree 2, basic insulation



Wiring Diagrams

External Power



Crystal Ball Sourcing 2-wire, 4-20mA Loop

