

771/772/773 Milliamp Clamp Meter

| Product category/ major features | General benefits | Specific benefits | Value | 771 | 772 | 773 |
|--|---|--|--|-----|-----|-----|
| Measure mA signals for PLC and control system\analog I/O without breaking the loop | Measures low level dc current | Correlate process indication with real physical value | Saves process downtime—and money for automation professionals | • | • | • |
| Measure output signals from transmitters without breaking the loop | Maintain and troubleshoot process and automation equipment without breaking the loop | No disruption to the process | Saves process downtime—and money for instrumentation professionals | • | • | • |
| Detachable clamp with extension cable | Measurements in tight locations | Enables measurements in difficult situations | Measurements can be quickly carried out | • | • | • |
| Source, simulate and measure mA signals in circuit (break the loop) | Confirm non-contact measurement. Have the next tool in hand for troubleshooting (source simulate) | Eliminates need to return to shop to get a loop calibrator for troubleshooting after finding a bad signal with non-contact measurement | Helps speed up loop troubleshooting—saves time and money | | • | • |
| Source and measure V dc | Troubleshoot voltage input and output devices | Measure presence of 24 V loop power. Measure 1 to 5 or 0 to 10 V process signals. | Eliminates need to return to shop to get a voltage source tool or a DMM. Saves time and money. | | | • |
| 4 to 20 mA in/out | Dual channel mA source and measurement for troubleshooting | Source 4 to 20 mA signals into valves and signal conditioners and simultaneously measure 4 to 20 mA positioning output signals. | Quick troubleshooting of devices with mA inputs and outputs. Save time and money. | | | • |
| 4 to 20 mA scaled output | Scaled mA output provides a mA signal output representative of the measured mA value | Connect a logging DMM and log the mA signal without breaking the loop | Troubleshoot and document intermittent or erratic 4 to 20 mA loop signals. | | | • |
| Loop power supply | Power a transmitter | Substitute testing of the installed 24 V loop power supply. Power a transmitter and measure its mA output signal for troubleshooting. | Eliminates need to return to shop to get a power supply. Saves time and money. | | • | • |
| Dual backlit display with both mA measurement and percent of 4 to 20 mA span | Clear measurement presentation | Quick measurement evaluation | Saves time, saves money | • | • | • |
| Measurement Spotlight | Illuminates hard to see wires in dark enclosures | Measurement process is easier and quicker | Saves time | • | • | • |
| Measure up to 99.9 mA range non-contact | Wide range of measurements | Measures 10 to 50 mA signals in older control systems | Only one instrument needed for multiple applications | • | • | • |
| Automatic power off | After 15 minutes and 2 minute automatic off for backlight and spotlight | Saves battery life | Saves money on batteries | • | • | • |