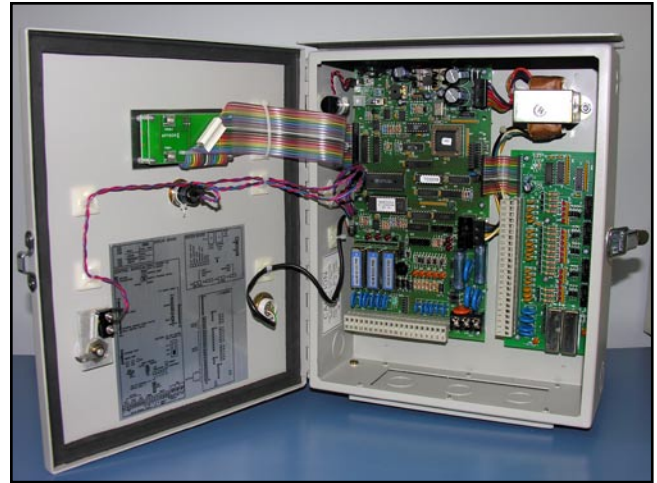




Totalizer



Sentry 804

Power Requirements

- Voltage: 120/240/277 VAC +/-20%
- Frequency: 50/ 60 Hz +/-2 Hz
- Burden: Less than 5 VA

Meter Inputs

- Number of Inputs: 16 Form A or 8 Form C
- Input Scale Factors: +/- 0.01 Watthours to 99.99999 kWh/pulse per channel. Each channel has its own unique scaling factor.
- Input Debounce: 32.333 ms to 399.984 ms in 16.666 ms increments
- Pulse Rate: 10 pulses per second on each channel

Pulsed Outputs

- Number of Outputs: 2 Form C mercury wetted relays for totalized outputs and 1 Form C output for End of Interval output
- Output Pulse Spacing: 100 ms to 1000 ms in 100 ms increments

Interval Lengths

- Programmable: 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30 and 60 minute intervals.
- Sub-intervals: Up to 6 sub-intervals

Time-of-Use Capabilities

- 4 Programmable Seasons
- 4 Programmable Daily Rating Periods
- 4 Programmable Daily Schedules
- 20 Programmable Holiday & Season Change Dates

Environmental & Mechanical

- Temperature: -40 to +85° Celsius
- Humidity: 5 to 95% non-condensing
- Enclosure: NEMA 3R aluminum
- Dimensions: 12.25" W x 10.25" H x 4.375"D

Communications Features

- Optical Port: All programming and reading can occur through this port at 9600 Baud
- 20 ma current loop: Exports predefined metering data to any device capable of reading an Austin International dial encoder
- Display: 16 Character LCD dot matrix alpha-numeric display
- 16 Form A or 8 Form C meter inputs
- 16 Character LCD dot matrix display
- 4 Form C mercury wetted relay totalized outputs

- Primary and Secondary Display modes
- Synchronization of End of Interval with external device
- Programmable from a P.C. using the UPLINK program
- Programmable Time-of-Use Capabilities
- Programmable input to output mapping
- Calculation of KVA with KW/ KQ or KW/ KVAR inputs
- On-site programming from a P.C. using the P.C. to Optocom probe
- Additive and Subtractive inputs
- Real time operations
- Mechanical demand reset
- External secondary scroll button
- Programmable demand lockout reset days
- Programmable adjustment for Daylight Savings Time
- Automatic logging of demand resets by date and time
- Automatic logging of power outages
- On-line help screens
- Automatic logging of pulsed inputs and outputs
- Programmable Demand Intervals and sub-intervals
- 20 milliamp current loop for export of data to a recorder

Optional Features

- Key lock demand reset capabilities
- Quick disconnects for all inputs and outputs
- Mating connectors with external terminal block

Austin International accepts no responsibility for equipment damage or improper system operation caused by the use of output or input fuses that are of inappropriate size