

## The ultimate energy meter from Senva

We set out to make the easiest to install, most accurate meter. We started with flexible Rogowski CTs because they're compact, lightweight, and split-core for easy installation. But we didn't like their accuracy. So we gave them a brain so they can digitally communicate with our meter. And then it dawned on us you'd appreciate not having high voltage at the meter where you make your digital connections. So we made the voltage connection at the CT itself. Suddenly, we were measuring current and voltage in a current transducer. We named it the Current/Voltage Transducer™ (CVT™) and called the patent attorney. To complement the CVT™, our metering platform offers two meter options (EM-PULSE & EM-RS485) which are small enough to fit in the palm of your hand, yet powerful enough to self-configure during install removing all manual configuration! **Get in. Get out. Get data.**

### Current/Voltage Transducer™ (CVT™)

The Current/Voltage Transducer™ (CVT™) measures both voltage and current, communicating data digitally to the meter via plug-in low voltage connections.

- Rogowski coil technology — flexible, compact, lightweight, split-core design
- Measures current and voltage in each transducer — Keeps all high voltage in the panel
- Digitally communicates with any EM Series meter
- Rogowski CVTs™ are available in 4 sizes from 9" to 36" in circumference, include several rating options from 300A to 6000A and are universally rated for 90-600V



### EM-RS485 Energy Meter

The versatile EM-RS485 energy meter is compatible with all CVTs™ and supports BACnet MS/TP and Modbus networks in one device!

- No manual network configuration necessary — intelligent meter technology self-configures baud rate, serial format, protocol and address
- Auto-recognition with all CVTs™ to save time during installation
- Low voltage device — all high voltage connections are made at the CVT™ level
- 2 pulse inputs for third party meter support (water, gas, steam, etc.)
- Versatile mounting options — DIN rail, mounting feet or rare earth magnets



### EM-PULSE Energy Meter

The power packed EM-PULSE energy meter is compatible with all CVTs™ and self-configures during installation to simplify installations.

- 2 pulse outputs for tracking positive and negative energy
- Auto-recognition with all CVTs™ — including *Autoscale* technology
- Low voltage device — all high voltage connections are made at the CVT™ level
- 2 pulse inputs for meter aggregation
- Versatile mounting options — DIN rail, mounting feet or rare earth magnets

