



## ePrime Series

# 101E/103E



## SMART ELECTRICITY METER

- *Single Phase/Three Phase*
- *5 year warranty*
- *Class 1 accuracy*
- *Direct or CT operation*
- *Pulse/M-Bus /MODBUS Interface*
- *Compliant with DIN Standard*
- *Wide range current measurement 5(100)A for direct connection*
- *Comply with EN61036/IEC62053-21*

The 101E/103E are the newest additions to Spire Metering's ePrime Series electricity meters.

These smart meters are an ideal solution for accurately monitoring your consumption. When coupled with Spire Metering's AMR solution, the 101E/103E offer a direct path to better energy management.



**MEASURE TODAY**  
**ENSURE TOMORROW**

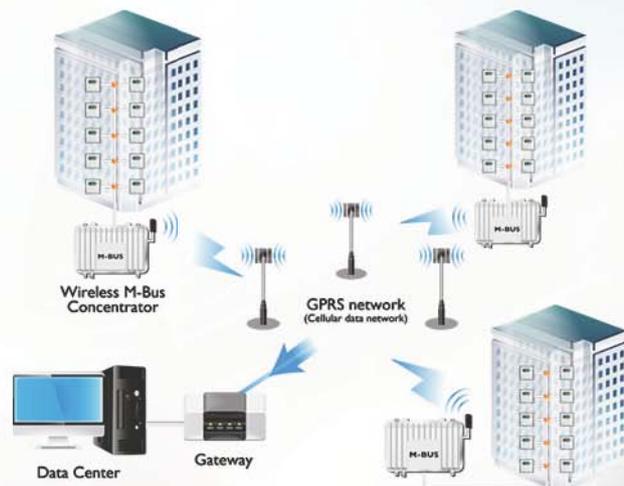
- **RESIDENTIAL**
- **COMMERCIAL**
- **AMR/AMI**

# FEATURES AND BENEFITS

The ePrime Series smart electricity meters offer a reliable energy measurement solution for both single phase and three phase circuits. These meters are designed for residential and commercial energy consumers tied to distribution networks. The 101E/103E meters have a variety of output options, such as M-Bus, MODBUS, Pulse, RF, GSM and PLC, thus making them ready for AMR/AMI system integration. Furthermore, the meters are manufactured in accordance with relevant DIN/IEC and MID standards, and are an ideal economic solution for your electricity consumption monitoring and billing purposes.

## With SPIRE METERING's 101E/103E, you can:

- Measure active and reactive energy with high accuracy for single phase and three phase applications.
- Achieve excellent long-term stability as the unit is designed for DIN, IEN and EN standards.
- Communicate using a variety of output options such as M-Bus, MODBUS, Pulse, RF and more.
- Easily read the large, clear LCD display.
- Promote accountability and conservation by integrating into Spire Metering's AMR/AMI utility metering solution.
- Measure usage at very low starting currents, making these meters well suited for photovoltaic energy systems as well as general use.
- Adapt to system configurations with a user friendly reading, setting and programming tool.
- Remain flexible with a meter manufactured for connection current up to 100A or connection with CT 1.5(6)A.
- Deploy a meter featuring Baud Rates selectable among 300, 2400, and 9600.



The SpireCapture utility metering solution maximizes your investment and allows you to remain responsive with a system geared toward quick and reliable resource management.

## About Spire Metering Technology

Formerly Shenitech, Spire Metering is a global leader in flow and energy management solutions. Through continuous innovation, we transform complex cutting-edge technologies into affordable, reliable solutions for accurate flow and energy measurement. Spire Metering offers water, heat, electricity and gas meters as well as AMR/AMI solutions. To find out how we can help today, please tell us about your application.



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