## Smart Programmable Panel Meter

### Fully Field Configurable, 16-Bit Color Touch Screen Display

The Series SPPM Smart Programmable Panel Meter is a configurable, full-color touch-screen display that can be used in a variety of applications. Utilizing a USB connection, the panel meter can be configured with downloadable software, using any computer running Windows® based software. Available with either a 2.4”, 2.8” or 3.5” screen that features remarkable graphics that can easily be customized to read and/or graph pressure, temperature, humidity, gas concentration, or many other parameters. Up to two transmitters or transducers can feed the panel meter’s user scalable inputs (voltage models only).

#### SPECIFICATIONS

**Inputs:**
- Current: 0 to 50 mA, scalable (factory set from 4 to 20 mA);
- Voltage: 0 to 40 VDC, scalable (factory set from 0 to 10 V).

**Accuracy:** 0.1%.

**Resolution:** 0.3 to 9.8 mV (depending on input range).

**Power Supply:** 4 to 30 VDC max or via USB.

**Current Consumption:** 190 mA max.

**Display:**
- 2.4˝, 2.8˝ or 3.5˝ TFT full color touch screen.

**Display Resolution:** 320 x 240 pixels.

**Sampling Rate:** 3 samples/s.

**Temperature Limits:** 32 to 104°F (0 to 40°C).

**Warm Up:** 30 s.

**Mounting:** Panel mount.

**Electrical Connection:** Screw terminals, pin connection, or USB.

**Software Requirements:** Compatible with Windows® XP, Windows® 2000, Windows® 7 and Windows Vista®.

**Weight:** 2.8 oz (79.4 g).

**Approvals:** CE, RoHS.

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### Sample Programmable Display Configurations

- **39.99kw**
  - **Label 1**
    - 39.99V
    - 39.99A

- **399.9**
  - **Label 1**
    - -39.99

- **-399.9**
  - **Label 1**
    - -39.99

- **100°C**
  - **Label 1**
    - 100°C

- **80%**
  - **Label 1**
    - 80%

- **-39.99 c**
  - **Label 1**
    - -39.99

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