The SERIES SPPM Smart Programmable Panel Meter is a configurable full-color touch screen display that can be used in a variety of applications. By using a USB connection, the panel meter can be configured with downloadable software for any computer running Windows® based software. The display features remarkable graphics that can easily be customized to read and/or graph pressure, temperature, humidity, gas concentration, or many other parameters.

**FEATURES/BENEFITS**
- Available with 2.4˝, 2.8˝, or 3.5˝ color touch screen display
- Free downloadable Windows® software allows the unit to be customized to specific applications

**APPLICATIONS**
- Tank level
- Power monitoring
- Room pressurization condition
- Indoor air quality conditions

**SAMPLE PROGRAMMABLE DISPLAY CONFIGURATIONS**

**SPECIFICATIONS**
- **SPPM 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.
  - Weight: 2.8 oz (79.4 g).
  - Agency Approvals: CE.

- **SPPM-HSG SPECIFICATIONS**
  - Service: Indoor or outdoor.
  - Material: Painted aluminum or glass.

- **A-SPPM-TC SPECIFICATIONS**
  - Probe Measurement Range:
    - K-type: -328 to 2462°F (-200 to 1350°C);
    - J-type: -328 to 2174°F (-200 to 1190°C);
    - T-type: -328 to 734°F (-200 to 390°C).
  - Resolution: 1.0°F (0.5°C).
  - Power Requirements: Powered by USB port through SPPM panel meter.
  - Accuracy: ±2.0°F (±1.0°C).
  - Weight: 0.9 oz (25.5 g).
  - Agency Approvals: CE.

**ACCESSORIES**
- Model Description
  - A-SPPM-TC: Thermocouple input board
  - SPPM-CA: Mini USB to full USB cable
  - SPPM-HSG24: 2.4˝ display housing
  - SPPM-HSG28: 2.8˝ display housing

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPPM-24</td>
<td>2.4˝</td>
<td>Voltage</td>
</tr>
<tr>
<td>SPPM-28</td>
<td>2.8˝</td>
<td>Voltage</td>
</tr>
<tr>
<td>SPPM-35</td>
<td>3.5˝</td>
<td>Voltage</td>
</tr>
<tr>
<td>SPPM-24-C</td>
<td>2.4˝</td>
<td>Current</td>
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<tr>
<td>SPPM-28-C</td>
<td>2.8˝</td>
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</tbody>
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