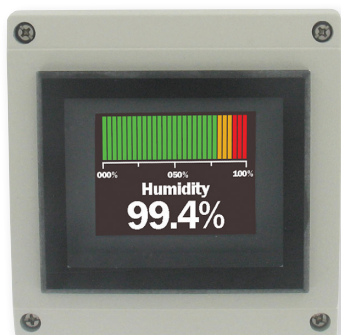
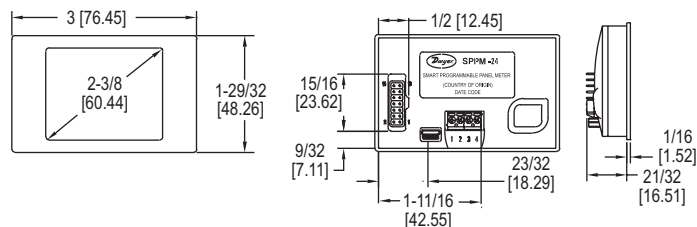


# SMART PROGRAMMABLE PANEL METER

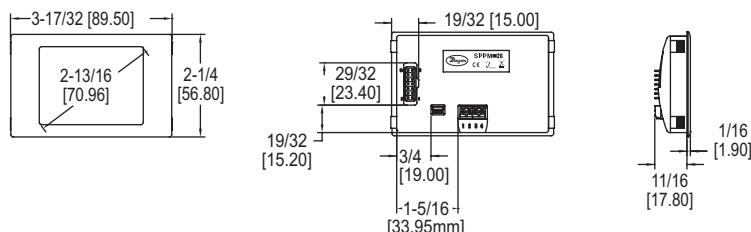
Fully Field Configurable, 16-Bit Color Touch Screen Display



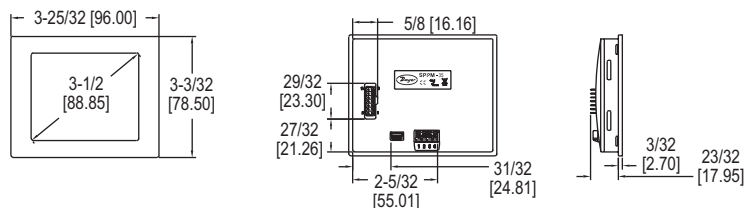
SPPM-HSG



SPPM-24 and SPPM-24-C



SPPM-28 and SPPM-28-C



SPPM-35 and SPPM-35-C

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.

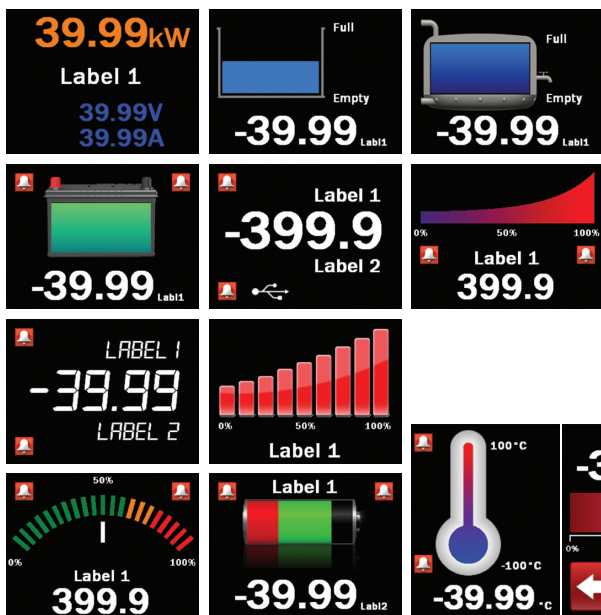
## FEATURES/BENEFITS

- 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.  
**Software Requirements:** Compatible with Windows® XP, Windows® 2000, Windows® 7 and Windows Vista®.  
**Weight:** 2.8 oz (79.4 g).  
**Agency Approvals:** CE.

### SPPM-HSG SPECIFICATIONS

**Service:** Indoor or outdoor.  
**Material:** Painted aluminum or glass.  
**Enclosure Rating:** NEMA 4X (IP66).

### 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).  
**Temperature Limits:** 14 to 104°F (-10 to 40°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.

## MODEL CHART

| Model     | Display | Input   |
|-----------|---------|---------|
| SPPM-24   | 2.4"    | Voltage |
| SPPM-28   | 2.8"    | Voltage |
| SPPM-35   | 3.5"    | Voltage |
| SPPM-24-C | 2.4"    | Current |
| SPPM-28-C | 2.8"    | Current |
| SPPM-35-C | 3.5"    | Current |

## 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       |

**Note:** Additional configurations available via online software.

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