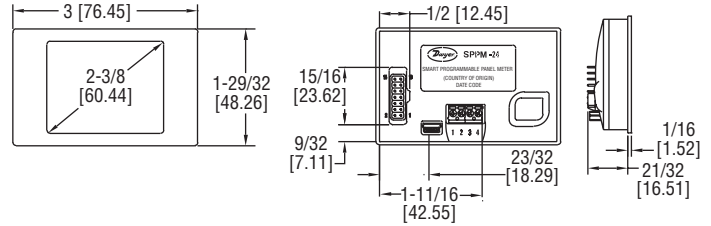


SMART PROGRAMMABLE PANEL METER

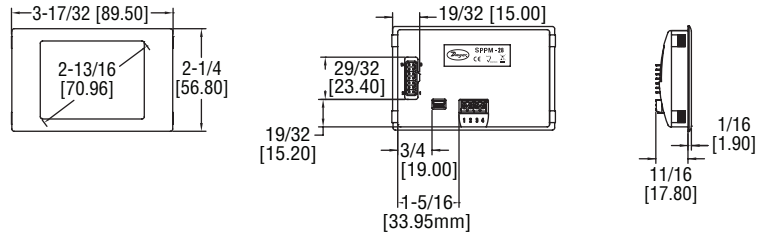
Fully Field Configurable, 16-Bit Color Touch Screen Display



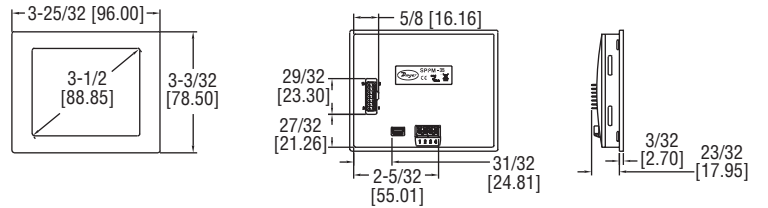
SPPM-HSG



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: RoHS.

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

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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