

DIGITAL PANEL METER

for 4-20 mA Inputs



Push-Button Access to Level Data

The DPM-200 digital panel meter mounts indoors or outdoors to provide local access to inventory data without walking to a control room or office. It is designed to accept 4-20 mA inputs from a wide variety of level sensors. It is extremely versatile and easy to set up using free software. A convenient four-button keypad allows users to set and acknowledge alarms and manage output relays.

Highly Visible from a Distance

The display features an extraordinarily bright and large four-digit LED output, with the standard model offering 0.56" display height and the X2 model offering an astounding 1.2" display height that can be easily seen up to 30 feet away. It is visible in bright sunlight, smoke, fog, or dusty environments.



Helps Keep Processes Running

Monitor the level of solids, powders, or liquids stored in bins, tanks, or silos by simply walking or driving up to the DPM-200. Use it to prevent material shortages and overfills and ensure orders are placed and deliveries are scheduled with plenty of lead time. It is compatible with all types of sensors that use a 4-20 mA output to manage process operations.

Power, Communication, and Connection Options

The DPM-200 is available with either a 12-36 VAC or 85-265 VAC power supply. It also offers a Modbus communications option. You can use the DPM-200's Modbus RTU communications to connect the DPM-200 to a PLC, SCADA system, or other digital device. This is a standard feature on all DPM-200 models.



Designed for Diverse Industrial Conditions

The DPM-200 is housed in a shallow-depth enclosure that is easy to install and allows easy access for servicing. It is offered with two LED display height options including a standard 0.56" (14.2 mm) height and an X2 height of 1.2" (30.5 mm) for easy viewing from a distance. The LED digits feature an adjustable display intensity for a variety of lighting conditions or for reading the meter in direct sunlight.

Setup of the DPM-200 is done using free software via four front panel pushbuttons. A cloning function allows for like vessels to be duplicated for fast setup. It offers flexible relay functions for automatic or manual resets and 0 to 199 second time delays. User selectable fail-safe operation is independently programmable for each relay.

DPM-200 Specifications

Display: DPM-200: 0.56" (14.2 mm); DPM-200 X2: 1.20" (30.5 mm)
red LED, 4 digits (-1999 to 9999)

Display Intensity: Eight user selectable levels

Front Panel: NEMA 4X, IP65; NEMA 4X enclosures available

Display Update Rate: Process/RTD: 3.7-5/sec; TC: 1.8-2.5/sec

Power Options: 85-265 VAC, 50/60 Hz; 90-265 VDC, 20 W max
or 12-36 VDC; 12-24 VAC, 6 W max.

Required Fuse: UL Recognized, 5 A max, slow blow; up to
6 meters may share one fuse.

Operating Temperature: -40 to 65°C (-40 to 149°F)

Storage Temperature: -40 to 85°C (-40 to 185°F)

Process Inputs: 0-20 mA, 4-20 mA, 1-5 V, ± 10 V

Relays: 2 Form C (SPDT); rated 3 A @ 30 VDC or 3 A
@ 250 VAC resistive load

DPM-200-0321-BLC