The Series MPM has a unique, rugged, NEMA 4X front panel design that makes it nearly impenetrable in typical applications. The weatherproof, UV resistant, large, dual line display allows for more information, making it easier to read and simpler to program. The intensity of the display can be adjusted allowing this meter to be utilized in dark rooms as well as outdoors, due to its sunlight readable display. It features up to eight visual alarm set points to trigger certain events and three function keys, which can be programmed to provide direct menu access. With up to four relays available, the MPM features latching, non-latching, sampling, pump alteration control, and a fail-safe action. Offering programmable delay time, this meter prevents recognition of false maximum or minimum reading which may be caused by the start-up or unusual process events. The MPM provides programmable delay time, on & off relay time delays programmable and independent for each relay.

FEATURES
• Three levels of password protection
• Math functions for flow & round horizontal tanks
• 32-point, square root or exponential linearization
• Multi-pump alternation control
• Two or four relays & isolated 4 to 20 mA output options
• External 4-relay & digital I/O expansion modules
• RS-232, RS-422/485 serial communication options

PUMP CONTROL
Providing two or four contact output options, the MPM can be used as a programmable pump controller when used with any Dwyer level transmitter. The relay capabilities of this meter expand its usefulness beyond simple indication to provide the user with alarm and pump control.

ACCESSORIES .......................................................... See Series PMA
ENCLOSURES .......................................................... See Series PME

SPECIFICATIONS
Input: 0 to 20 mA, 4 to 20 mA, 0 to 5 V, 1 to 5 V or ±10 V.
Input Impedance: 50 to 100 Ω.
Accuracy: ±0.03% of calibrated span ±1 count, square root & programmable exponent accuracy range: 10 to 100% of calibrated span.
Power Requirements: 85 to 265 VAC 50/60 Hz, 90 to 265 VDC, 20 W max or 12 to 24 VDC ±10%, 15 W max.
Display: Dual-line 6-digit display, 0.60” & 0.46”.
Decimal Points: 5-position, user selectable.
Temperature Limits:
A. Operating: -40 to 149°F (-40 to 65°C);
B. Storage: -40 to 185°F (-40 to 85°C).

Digit: 1/8 DIN, Dual-Line 6-Digit Display, Multi-Pump Alternation Control

Agency Approvals: CE, UL, RoHS.