

Loop Display Products



LPM4200N & LPM4200P

Large 1" Digit Loop Powered Process Indicators

The LPM4200 series of large digit loop powered indicators is designed for areas where a local readout of a particular process variable is required and ease of viewing is important. Powered by the 4 to 20 mA loop, these meters drop only 2.7 volts from the loop being monitored and can be scaled to readout directly in the engineering units desired.

Specifications

Input	4 mA to 20 mA DC Typical
Readout	3½ Digit with Switchab Dummy Zero
Accuracy	±0.05% FSR ±1 count
Span Range	100 to 2,500 counts, Switch Selectable
Zero Range	±500 counts
Stability	.01% /°C
Temperature Range	Operating: -20°C to 70°C Storage: -30°C to 80°C
Voltage Drop	2.7 VDC max.
Decimal Points	Switch Selectable
Size	NEMA 4: 6.3" W x 3.15" H x 3.15" D Panel Mounted: 5.67" W x 2.83" H x 2.83" D (panel cutout: 5.42" W x 2.60" D)



Loop Panel Meter LPM-420

Versatile Panel Meter with Cost Effective Mounting Options

The Martel Loop Panel Meter, LPM-420, is an easy to install, loop powered panel meter offering accuracy of 0.05% FSR, above average stability, and an operating temperature range of -20°C to +65°C.

Accepting inputs from 4 mA to 20 mA, the loop meter can be scaled to display a wide range of engineering units for monitoring process current loops.

For cost effective mounting flexibility, a variety of housings are available to fit most requirements.

Specifications

Input	4 mA to 20 mA DC
Readout	3.5 Digit LCD by .5" High
Accuracy	±0.05% FSR ±1 count
Span Range	3.5 Digit: 0 to 2,000 counts, Jumper Selectable
Zero Range	3.5 Digit: -500 to +500 counts, nominal for 1,000 count span
Stability	.01% /°C
Temperature Range	Operating: -20°C to 65°C Storage: -20°C to 80°C
Voltage Drop	3.5 Digit: 2.7 VDC max.
Decimal Point Placement	Jumper Selectable
Size	Meter Only: 1.18" H x 2.36" W x .36" D



MODEL NO.	DESCRIPTION
LPM-4200N	Loop Powered Indicator NEMA 4 Enclosure
LPM-4200P	Loop Powered Indicator Panel Mount Enclosure
LPM-420-3.5	3.5 digit Loop Powered Meter
LPM-420NA-3.5	NEMA 4X Enclosure with meter installed
LPM-420HKA-3.5	Killark explosion proof Enclosure with meter installed