

MPE Level Probe Converter, LPC420

The Level Probe Converter senses liquid level and provides a 4-20mA analog output for use by a pump controller or PLC to control liquid level. The unit monitors the ten electrodes on a Level Probe, and provides an analog signal that is proportional to the level.

All setup is easily done using the four DIP switches on the unit. The Sensitivity of the unit shall be set for the type of liquid being detected. The Analog Output Delay setting provides shall control how fast the analog output transitions from one level output value to another. The Analog Output Delay setting value shall take approximately ten times the selected setting to go from 4 mA to 20 mA when the electrodes are covered quickly. When the electrodes are slowly covered one at a time, the Analog Output Delay shall provide a smooth transition as the level changes from electrode to electrode.

The LPC420 shall have an aluminum enclosure that is Din Rail mountable. There shall be no openings in the LPC420 enclosure for debris to enter.

The Level Probe Converter shall be part number LPC420, manufactured by Motor Protection Electronics, Apopka, Florida, 407-299-3825.