



**MADE IN
THE U.S.A.**

LEVEL PROBE

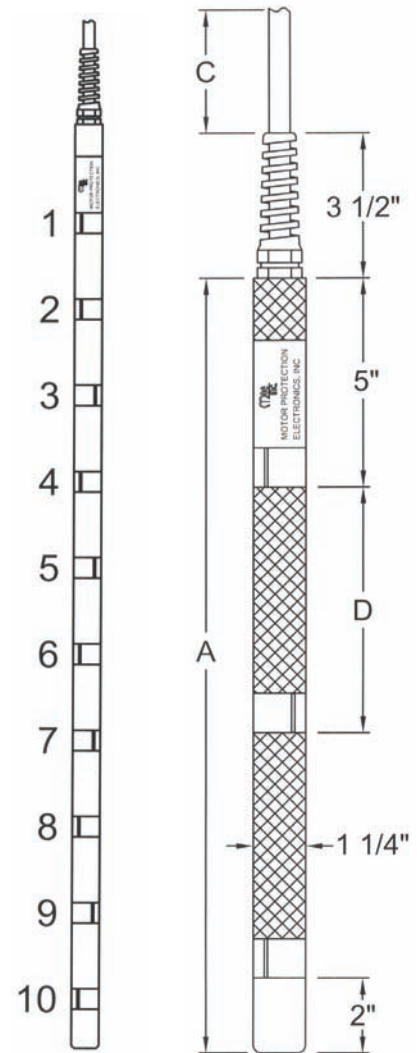
TYPICAL APPLICATION

For use with any of MPE's pump controllers or conformance relays designed to operate with conformance probe.

DESCRIPTION

The Level Probe provides a rugged, safe, reliable and cost-effective means to measure liquid level for water and waste water pumping applications. The Level Probe may be ordered with one, three or ten electrodes with various spacing in between.

The Level Probe is typically connected to a pump controller (or conformance relay) that is designed to monitor a conformance probe and perform level measurement. The level is detected when the liquid level is high enough to touch one or more of the stainless steel electrodes on the Level Probe. The controller (or conformance relay) sends out a level sense signal to each electrode on the Level Probe. The signal typically consists of a $\pm 12V$ square wave, capable of supplying no more than 1.5mA. When the liquid being measured touches one of the electrodes, the square wave signal is diverted to ground through the conductive liquid. The change in the signal is detected by the control device and used to determine the liquid level.



SPECIFICATIONS

Electrode Material:	Avesta 254 SMO High Grade Stainless Steel Alloy
Probe Casing Material:	PVC
Cable:	PVC/PVC Multi-conductor
Operating Temp:	+32 to +140 °F

ORDERING INFORMATION

Part Number: LP - A - B - C
 Probe Length (inches) _____
 Number of Electrodes _____
 Cable Length (feet) _____

Available Combinations:

Probe Length (inches)	Number of Electrodes	Spacing Between Electrodes (inches)
A	B	D
7	1	X
19	3	6
52	10	5
61	10	6
79	10	8
97	10	10
115	10	12

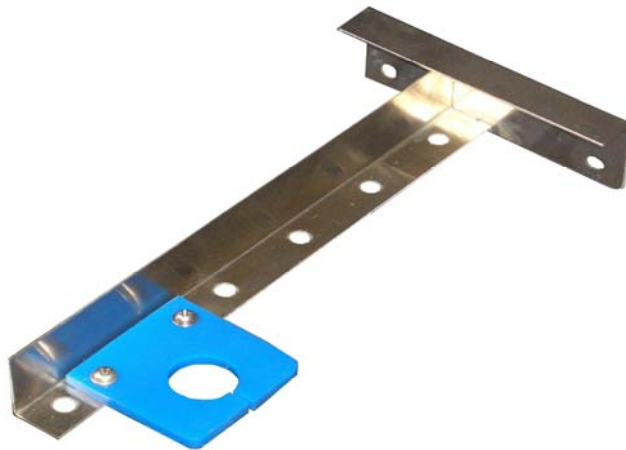
Standard Cable Length - 50 feet



HARDWARE



**LEVEL PROBE
BRACKET (SMALL),
LPB-1**



**LEVEL PROBE
BRACKET (LARGE),
LPB-2**



S HOOK