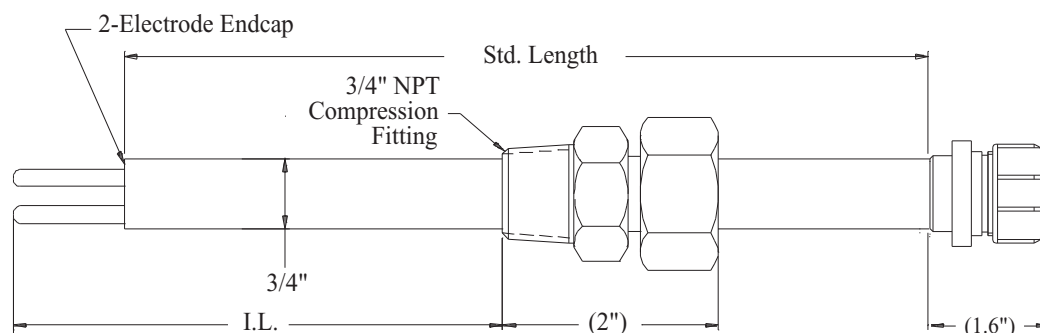


# Model LP3000

## Linear Polarization Resistance Probe Adjustable Length with 3/4" NPT Fitting & 2-Electrode Endcap



**Model LP3000** is a linear polarization resistance probe commonly used in laboratory, bypass-loop, and field applications. The assembly consists of a 3/4" NPT compression fitting, an insertion rod with a hermetically sealed two-electrode endcap, and a six-pin connector welded in place. The insertion length (I.L.) is calculated to the end of the electrode and can be specified by the customer. For standard probes, the maximum insertion length is given in the chart below. Electrodes are ordered separately. Several standard electrodes are available to meet your specific needs.

### Specifications:

**Probe Body** - 316 Stainless Steel

**Endcap Seal** - Glass

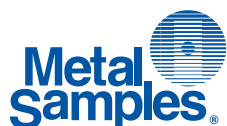
**Fill Material** - Epoxy

**Temperature Rating** - 500°F / 260°C

**Pressure Rating** - 1500 PSI / 102 Bar

**Mounting** - 3/4" NPT Fitting

Std. Length	IL (max)
6"	5.25"
8"	7.25"
12"	11.25"
18"	17.25"



### Metal Samples Company

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**Houston Office:** 6327 Teal Mist Lane, Fulshear, TX 77441 Phone: (832) 451-6825

## LP3000 Ordering Information

Model							
LP3	Linear Polarization Adjustable Length Pipe Plug Probe						
	<b>Pipe Plug Size</b>						
	2	3/4" NPT					
	3	1" NPT					
	<b>Probe Body Material</b>						
	22	316					
	<b>LP Electrode Options</b>						
	20	Two-electrode integral type					
	<b>Seal Type</b>						
	1	Glass					
	<b>Length</b>						
	06	5.25" max. insertion length					
	08	7.25" max. insertion length					
	12	11.25" max. insertion length					
18	17.25" max. insertion length						
<b>Options</b>							
000	None						
<b>LP3</b>	<b>2</b>	<b>22</b>	<b>20</b>	<b>1</b>	<b>08</b>	<b>000</b>	<b>Example of Probe Ordering #</b>

**Electrode Part Number - EL400XXX2800000** (XXX - use Code in Alloy Chart)  
 LPR probe electrodes are replaceable and sold separately. See [Electrodes](#).

Alloy Chart		
Code	Description	UNS #
375	C1010	G10100
419	CDA110	C11000
434	CDA443	C44300
159	316L S.S.	S31603

For alloys, sizes, or other special requirements not listed, contact our sales department.  
 Note: Not all alloys are available with all element types and seals.