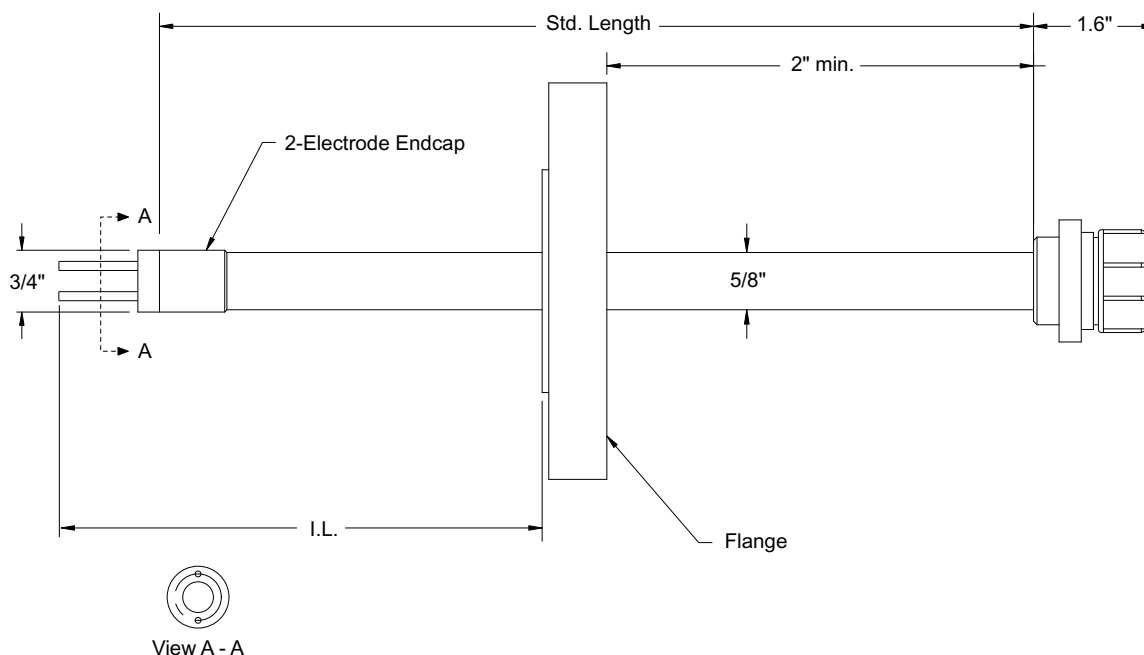


Model LP6000

Linear Polarization Resistance Probe Fixed Length with Flange & 2-Electrode Endcap



Model LP6000 is a fixed-length, flange-mounted, linear polarization resistance probe. The probe is ideally suited for use in high pressure and/or hazardous applications where threaded fittings are not available or not recommended. Process shutdown or process isolation is required for installation and inspection. The probe assembly consists of an insertion rod with a two-electrode endcap, a hermetically sealed connector, and a flange (as specified by customer), which are all welded in place. Insertion length (I.L.) is calculated to the end of the electrodes and, in this case, is based on a 1" total flange thickness. Customers can specify any length required. 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 or C276

Endcap Seal: Glass

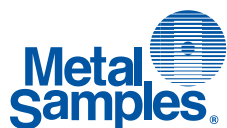
Fill Material: Epoxy

Temperature Rating: 500°F / 260°C

Pressure Rating: According to Flange Rating

Mounting: Mating Flange

Std. Length	IL (max)
12"	10.12"
18"	16.12"
24"	22.12"



Metal Samples Company

A Division of Alabama Specialty Products, Inc.

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E-mail: msc@alspi.com Internet: www.metalsamples.com

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

LP6000 Ordering Information

Model									
LP6	Linear Polarization Fixed Length Probe with Flange								
Flange Size									
1	1" Flange								
2	1 1/2" Flange								
3	2" Flange								
4	3" Flange								
5	4" Flange								
7	6" Flange								
8	2 1/2" Flange								
9	3/4" Flange								
Probe Body Material									
22	316								
44	C276								
LP Electrode Options									
2	Two-electrode integral type								
Flange Pressure Rating									
1	150 lbs.								
2	300 lbs.								
3	600 lbs.								
4	1200 lbs.								
5	1500 lbs.								
6	900 lbs.								
Seal Type									
1	Glass								
Length									
12	10.12 inches max. insertion length								
18	16.12 inches max. insertion length								
24	22.12 inches max. insertion length								
Options									
000	None								
Insertion Length (I.L.)									
-LLLL	Length in inches, stated in 2 decimal place format. Round calculated length down to the nearest 1/8". (Ex: 9 1/8" = 0912)								
LP6	2	22	2	1	1	12	000	-0912	Example of Probe Ordering #

Electrode Part Number - EL400XXX280000 (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 electrode types and seals.