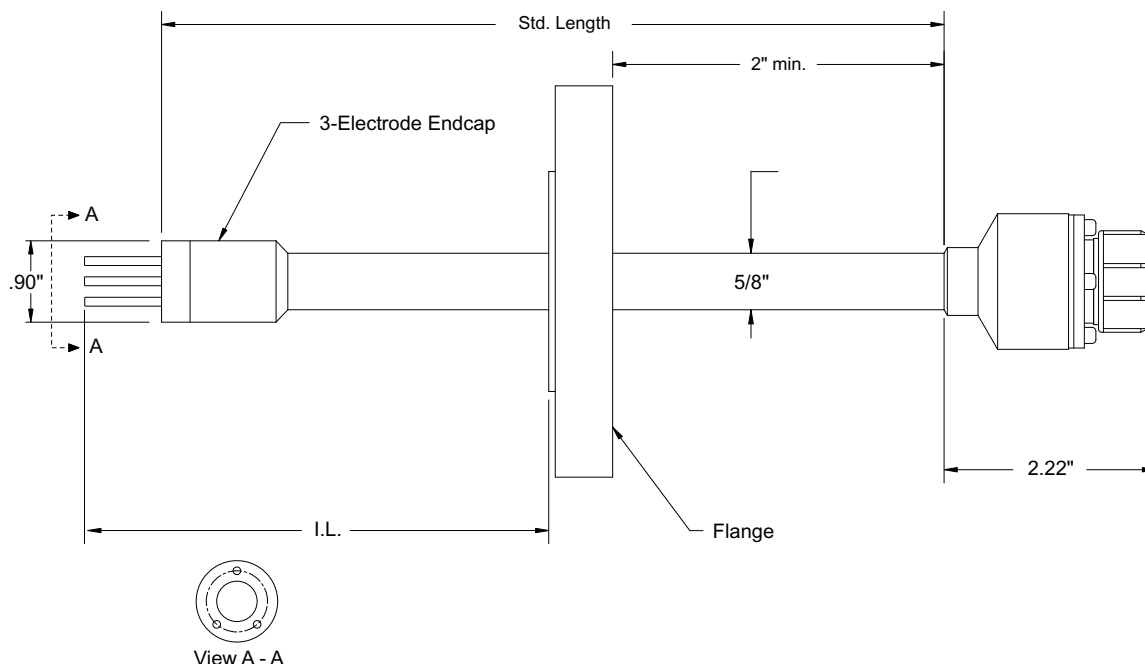


Model LP6100

Linear Polarization Resistance Probe Fixed Length with Flange & 3-Electrode Endcap



Model LP6100 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 three-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. Several standard electrodes are available to meet your specific needs. Electrodes are ordered separately.

Specifications:

Probe Body - 316 Stainless Steel

Endcap Seal - Glass

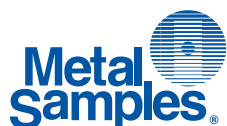
Fill Material - Epoxy

Temperature Rating - 500°F / 260°C

Pressure Rating - According to Flange Rating

Mounting - Mating Flange

Std. Length	IL (max)
12"	10.25"
18"	16.25"
24"	22.25"



Metal Samples Company

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

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LP6100 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							
Probe Body Material									
	22	316							
LP Electrode Options									
	3	Three-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	10.25 inches max. insertion length							
	18	16.25 inches max. insertion length							
	24	22.25 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	3	1	1	12	000	-0912	Example of Probe Ordering #

Electrode Part Number - EL412XXX2800000 (XXX - use Code in Alloy Chart)

LPR probe electrodes are replaceable and sold separately. See [Electrodes](#).

Alloy Chart		
Code	Description	UNS #
377	C1018	G10180
159	316L S.S.	S31603
419	CDA110	C11000
434	CDA443	C44300

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.