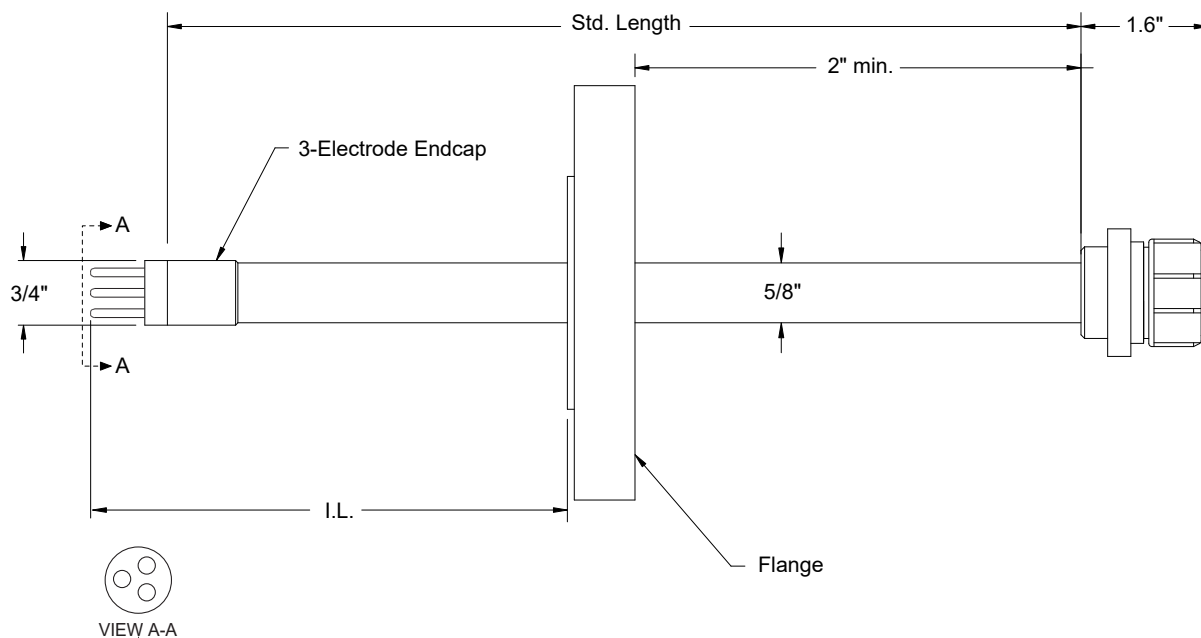


Model LP6300

CorrTran Style 3-Electrode LPR Probe Fixed Length with Flange



Model LP6300 is a fixed-length, flange-mounted, linear polarization resistance probe which is specifically designed for use with CorrTran style instruments. 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. A variety of probe lengths are available to meet your specific needs (see Ordering Information). Electrodes are available in a wide variety of alloys and are sold separately (see Optional Accessories).

Specifications:

Probe Body: 316 Stainless Steel or C276

Endcap Seal: Glass

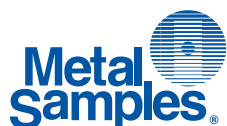
Fill Material: Epoxy

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

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

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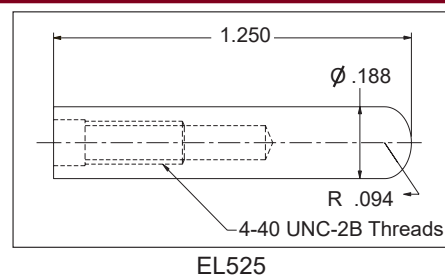
LP6300 Ordering Information

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										
	H	Three-electrode CorrTran style								
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	H	1	1	12	000	-0912	Example of Probe Ordering #	

Optional Accessories

Electrodes

The LP6300 uses EL525 style electrodes which are available in almost any alloy. They are sold in sets of three and include Viton insulators standard. Ordering details are shown below. Contact Metal Samples for alloys and insulator materials not listed here.



Electrode Part Number			
EL525	XXX	28000	XX

Alloy	↓
C1010 Carbon Steel (UNS # G10100)	375
CDA110 Copper (UNS # C11000)	419
CDA443 Brass (UNS # C44300)	434
316L Stainless Steel (UNS # S31603)	159

↓	Insulator Material
00	Viton® (Standard)
10	Teflon®
60	Kalrez® 4079
70	Kalrez® 6375