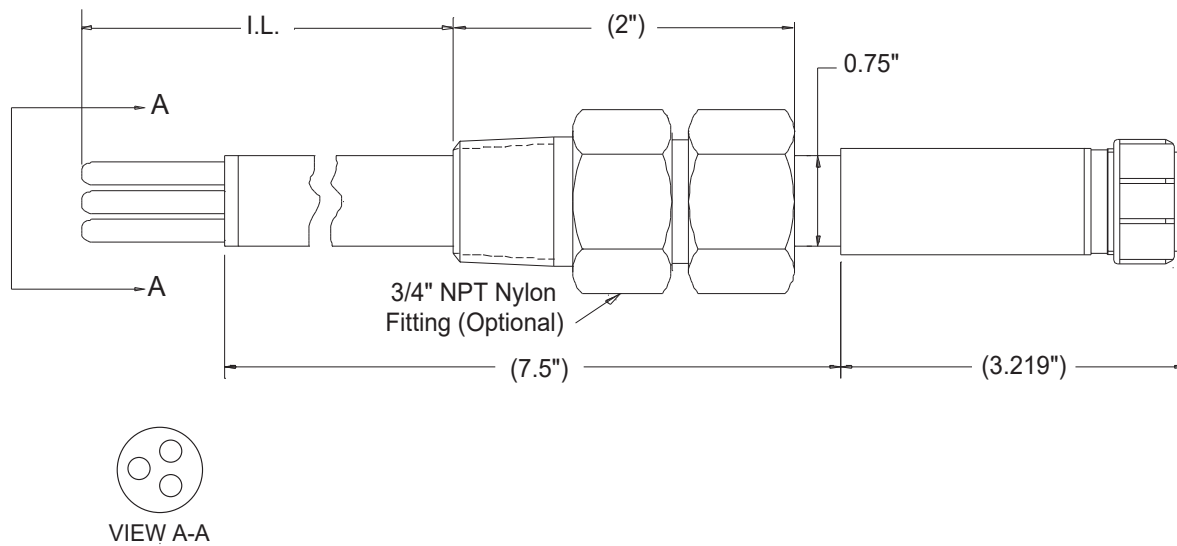


# Model LP3310

## CorrTran Style 3-Electrode LPR Probe Epoxy Probe



**Model LP3310** is a linear polarization resistance probe which is specifically designed for use with CorrTran style instruments. The probe (with additional instrumentation) can be used to monitor corrosion rates, evaluate materials, and screen corrosion inhibitors. The assembly consists of a glass-reinforced epoxy probe with an optional 3/4" NPT nylon compression fitting for insertion into the system. The studs for mounting the electrodes and the six-pin connector are epoxy sealed. The maximum insertion length (I.L.) is 6.75" when the compression fitting is used and 8.75" when the fitting is not used. Electrodes are available in a wide variety of alloys and are sold separately (see Optional Accessories).

### Specifications:

**Probe Body** - Glass Epoxy

**Endcap Seal** - Epoxy

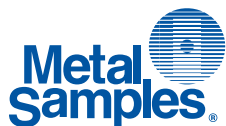
**Fill Material** - Epoxy

**Temperature Rating (w/ Nylon compression fitting)** - 150°F / 65°C

**(w/out Nylon compression fitting)** - 300°F / 150°C

**Pressure Rating** - 100 PSI / 7 Bar

**Mounting** - 3/4" NPT Pipe Plug



### Metal Samples Company

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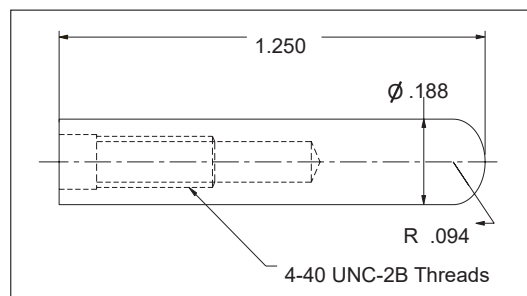
# LP3310 Ordering Information

| Model                      |   |   |   |    |   |    |     |                             |
|----------------------------|---|---|---|----|---|----|-----|-----------------------------|
| LP3                        | Linear Polarization Adjustable Length Pipe Plug Probe   |   |   |    |   |    |     |                             |
| LP0                        | Linear Polarization Insertion Rod   |   |   |    |   |    |     |                             |
| Pipe Plug Size             |   |   |   |    |   |    |     |                             |
| 0                          | N/A (when ordering only Insertion Rod - LP0)  |   |   |    |   |    |     |                             |
| 2                          | 3/4" NPT  |   |   |    |   |    |     |                             |
| Probe Body Material        |   |   |   |    |   |    |     |                             |
| 7                          | Epoxy   |   |   |    |   |    |     |                             |
| Mount (Pipe Plug) Material |   |   |   |    |   |    |     |                             |
| 0                          | N/A (when ordering only Insertion Rod - LP0)  |   |   |    |   |    |     |                             |
| E                          | Nylon   |   |   |    |   |    |     |                             |
| LP Electrode Options       |   |   |   |    |   |    |     |                             |
| H0                         | Three-electrode CorrTran style  |   |   |    |   |    |     |                             |
| Seal Type                  |   |   |   |    |   |    |     |                             |
| 3                          | Epoxy   |   |   |    |   |    |     |                             |
| Length                     |   |   |   |    |   |    |     |                             |
| 11                         | 6.75 inches max. insertion length with compression fitting<br>8.75 inches max. insertion length without compression fitting |   |   |    |   |    |     |                             |
| Options                    |   |   |   |    |   |    |     |                             |
| 000                        | None  |   |   |    |   |    |     |                             |
| LP3                        | 2   | 7 | E | H0 | 3 | 11 | 000 | Example of Probe Ordering # |

## Optional Accessories

### Electrodes

The LP3310 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.



EL525

| Electrode Part Number               |     |                    |                   |
|-------------------------------------|-----|--------------------|-------------------|
| EL525                               | XXX | 28000              | XX                |
|                                     | ↓   |                    | ↓                 |
| Alloy                               |     | Insulator Material |                   |
| C1010 Carbon Steel (UNS # G10100)   | 375 | 00                 | Viton® (Standard) |
| CDA110 Copper (UNS # C11000)        | 419 | 10                 | Teflon®           |
| CDA443 Brass (UNS # C44300)         | 434 | 60                 | Kalrez® 4079      |
| 316L Stainless Steel (UNS # S31603) | 159 | 70                 | Kalrez® 6375      |