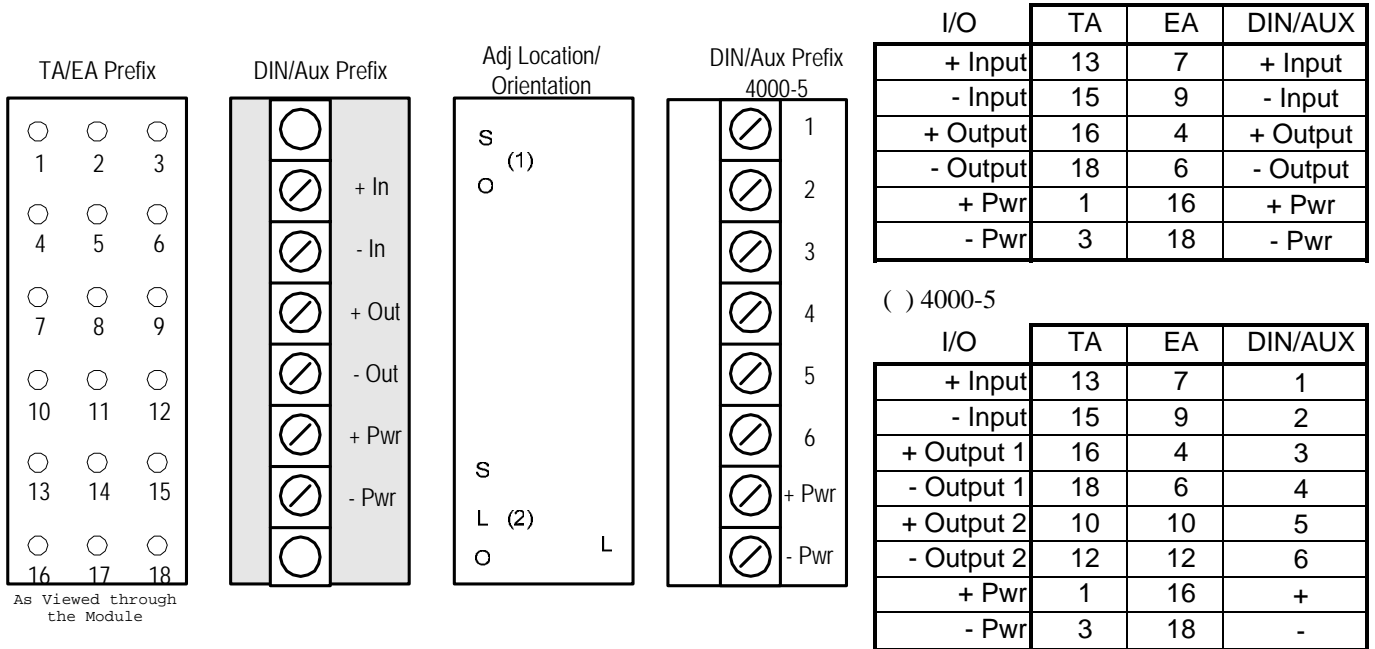


**DC/DC CONVERTER**

General Adjustment and pin/terminal location as viewed from top of Module



**DESCRIPTION**

The calibration procedure of the ( )4000 analog DC/DC Converter consists of setting offset (O) and span (S) adjustments for desired Input and Output signal values. The (L) adjustment is a "factory only adjustment" used on some modules having current outputs. The (L) adjustment isn't present on all ( ) 4000 converters.

All adjustments are fifteen turn potentiometers. Insert a small Screwdriver through the red GLYPTOL and/or potting material to the underlying "slot" slightly below the surface of the module.

**PROCEDURE**

For a ( )4000-5, set output # 1 first, then repeat procedure for # 2 output.

Set offset (O) and span (S) adjustments to desired output signal values for corresponding input signals. The offset and span adjustments may interact; therefore, it is necessary to repeat adjustments alternately. Generally, two or three adjustments are necessary.

Some modules include an "F" adjustment, which is used for smoothing. Use this adjustment to optimize response time versus signal noise.

**CALIBRATION IS COMPLETE**

Seal openings of face of module with a drop of red GLYPTOL.

NOTE: ( )4000 adjustment locations may vary from those shown.