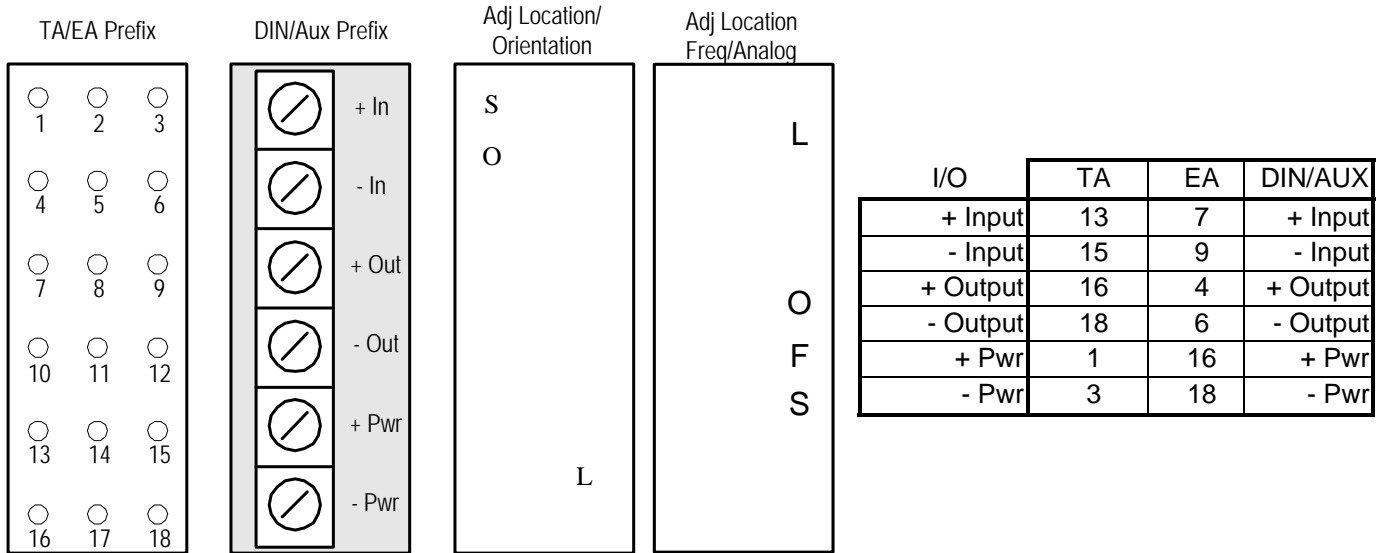


AGM Electronics, Inc
Product Documentation
Calibration and Checkout Instructions

CCS () 5100
-3,-4,-7,-8,-9,-10,-11,-12 and
() 5101
-0,-2 and
() 5107
-1,-2,-3,-4

Pulse Duration and Pulse Frequency to Analog Converters

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



DESCRIPTION

The calibration procedure of the ()5100/5101/5107 pulse duration/frequency to 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.

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

Set offset (O) and span (S) adjustments to desired output signal values for corresponding zero and full scale 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 output ripple.

CALIBRATION IS COMPLETE

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

NOTE: ()5100/5101/5107 adjustment locations may vary from those shown.