

AGM Electronics, Inc
Product Documentation
Operation, Maintenance, Installation Instructions

OMI () 5100

OMI () 5107

Pulse Duration and Frequency to Analog Converters

A. OPERATION, MAINTENANCE, INSTALLATION INSTRUCTIONS

1. The assembly consists of a chassis, plug-in function module and, if applicable, a 115 VAC/24 VDC power supply. DIN/Aux options do not come with a chassis. Prime power requirement is a maximum of 4 watts. Voltage regulation must be +/-10% of 115 VAC or 24 VDC depending on assembly. Ambient temperature should not exceed 120 deg.F.

2. The function module has been factory calibrated; however, changes can be made in the field by adjusting "O" Offset or zero, "S" Span adjustment, "L" Loop adjustment and if applicable, "F" Filter adjustment. These adjustments are 15 turn potentiometers accessible through the small holes in the top of the module with a small screwdriver. Note the adjustments have been sealed in order to prevent un-authorized personnel from disrupting factory calibration.

3a. Then power is applied to the assembly, it will function according to the specifications shown on the nameplate attached to the side of the assembly.

3b. If the assembly does not function, check the fuse on the 115 VAC/24 VDC power supply if applicable or check 24 VDC power input for correct polarity and voltage level.

3c. Prior to making any field adjustments, it is recommended that the manufacturer be contacted for specific instructions as to the procedure to follow for each assembly.

4a. For other information on the particular converter assembly, consult the wiring and schematic diagram drawings (WSD drawing) furnished with the equipment.

4b. For service, call or write the Manufacturer at:

AGM ELECTRONICS INC., P.O. BOX 32227, TUCSON AZ 85751-2227

(520)722-1000

Fax (520)722-1045

E-Mail agmelect@csi.com

B. PARTS LIST

1. DC/DC Module TA 4000
2. 115 VAC/24 VDC Power Supply TA 4552 (if applicable)
The pulse duration receiver uses a TA 4562
3. Fuse (115 VAC powered assy. only) Littlefuse #273.200
Fuse (multi-channel assy's only) (See WSD Drawing)
4. Diode (multi-channel assy's only) (See WSD Drawing)
5. Mother Board PCB# (See no. etched on board)

C. RECOMMENDED SPARE PARTS LIST

1. Fuse, 1 each @ \$2.00 * Available locally or 1 week from the factory.
* Reference only, price subject to change

Last Rewrite 4/1/99 Rev 9/11/00