

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

OMI ( ) 5000

Pulse Duration Transmitter (QUANTIMER)

A. OPERATION, MAINTENANCE, INSTALLATION INSTRUCTIONS

1. The assembly consists of a chassis, plug-in module and, a 115 VAC/24 VDC power supply. Prime power requirement is a maximum of 4 watts. Voltage regulation must be +/-10% of 115 VAC. 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 and "L" Live Zero 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 unauthorized personnel from disrupting factory calibration.

3a. When 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.

3c. If the assembly has a Mercury Wetted Relay and the power supply fuse is not blown, place the assembly in an upright position and lightly tap the Mercury Wetted Relay several times with a hand tool.

3d. 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 OMI ( )4035 [ALL] 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](mailto:agmelect@csi.com)

B. PARTS LIST

- |    |                                   |                           |
|----|-----------------------------------|---------------------------|
| 1. | Quantimer Module                  | TA 5000                   |
| 2. | 115 VAC/24 VDC Power Supply       | TA 4562                   |
| 3. | Relay (if applicable)             | Magnecraft #W131MPCS-4    |
| 4. | Fuse (115 VAC powered assy. only) | Littlefuse #273.200       |
|    | Fuse (Multi-channel assy's only)  | (See WSD drawing)         |
| 5. | Diode (Multi-channel assy's only) | (See WSD drawing)         |
| 6. | Mother Board PCB#                 | (See no. etched on board) |

C. RECOMMENDED SPARE PARTS LIST

1. Fuse, 1 each @ \$3.00 \* Available locally or 1 week from the factory.

\* Reference only, price subject to change

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