



ELECTRONIC COUNTERS
& CONTROLS, INC.
A Danaher Company
(216) 729-1681

INSTALLATION MANUAL

954-33
1691

MODEL MWB126-SP2 FOR LAUNDRY LOGIC

This supplemental instruction details only the special features for the Laundry Logic MWB126 SP2. All of the standard MWB126 features not referenced in this instruction are as detailed in the standard MWB126 manual supplied with the counter.

SPECIAL FEATURES

The two internal relays in the MWB126-SP2 are not triggered by the counter as is normal for a standard MWB126. These relays are under control of the internal logic with two new inputs **INI** and **PHT** on the rear panel of the MWB126. The action of these relays to the signals on these two terminals is described below:

A high-to-low transition (falling edge trigger) detected on terminal 3 (INI) will turn ON Relay 1. The logic waits for the input on terminal 4 (PHT) to go high which will then turn ON Relay 2 and start an internal timer (momentary per Set-up Code #9). Once the timer has timed out, a low-to-high transition (rising edge trigger) on terminal 3 (INI) will turn OFF both relays and reset the counter. If the low-to-high transition on terminal 3 (INI) occurs before time-out, the turn off of both relays will be delayed until the timed period has elapsed thereby ensuring that Relay 2 will never be ON for less than the timed period. If the low-to-high transition occurs without being preceded by a high-to-low transition, no relay will be turned ON and the counter will be reset.

Terminal 4 (PHT) is internally pulled high. Pulling the PHT terminal low (to ground) will prohibit Relay 2 from turning on.

SET-UP CODES

The default set-up codes are as follows:

1	4	8	3000
2	1	9	5501
3	1	10	1
4	1.00000	11	1
5	1.00000	12	2
6	1	13	20
7	1		

Set-up code 8 must be set for normally open latching action and Set-up code 9 must be set for normally open momentary action for this special

ADDITIONS TO COMMUNICATIONS

This special counter may be used with digital communications and there are two new commands added to allow remote control of the relay logic circuit. These communication commands may be used in place of the normal IN1 inputs and function as described below:

- R1 This command performs in the same fashion as a low-to-high transition input on terminal 3 (IN1).

- R2 This command performs in the same fashion as a high-to-low transition input on terminal 3 (IN1).

Dynapar, Veeder Root, and Eagle Signal Brands:

Sales, Repair, and Application Support:
1675 Delany Rd.
Gurnee, IL. 60031
847-662-4150 Sales/Order Entry Fax
847-782-5277 Applications Support Fax
800-873-8731 Sales/Order Entry
800-234-8731 Applications Support

NorthStar Brand:

Sales, Repair, and Application Support:
1675 Delany Rd.
Gurnee, IL. 60031
847-782-5288 Sales/Order Entry Fax
847-782-5277 Applications Support Fax
800-326-6216 Sales/Order Entry
800-326-6216 Applications Support

Partlow, West, Rustrak, and LFE Brands:

Sales, Repair, and Application Support:
1675 Delany Rd.
Gurnee, IL. 60031
847-662-4150 Sales/Order Entry Fax
847-782-5277 Applications Support Fax
800-873-8731 Sales/Order Entry
800-866-6659 Applications Support

Please disregard all phone numbers and addresses in this manual. The phone numbers and address on this page are the correct phone number and addresses to use for sales, repair, and application support.