



## FieldServer Driver - Serial FS-8700-33 Modbus Omniflow

**Driver Code:** MBO  
**Version:** 1.0a

**Devices Supported:** Omniflow Modbus devices  
**Physical Interface:** EIA-232 or EIA-485

**Command/SubCommand Supported:**

| <u>Command</u> | <u>Description</u>                  |
|----------------|-------------------------------------|
| 01             | Read Discrete Output Status (0xxxx) |
| 02             | Read Discrete Input Status (1xxxx)  |
| 03             | Read Output Registers (4xxxx)       |
| 04             | Read Input Registers (3xxxx)        |
| 05             | Force Single Coil (0xxxx)           |
| 06             | Preset Single Register (4xxxx)      |
| 15             | Force Multiple Coils (0xxxx)        |
| 16             | Preset Multiple Registers (4xxxx)   |

Configuring the Omniflow Controller to interface to FieldServer

Check PEER/ PEER: Disable.

Go to SET UP menu.

Press <PROG> <SETUP> <ENTER> respectively

Go to MISC configuration

Press <ENTER>

Go to PEER/PEER communication

Press <DOWN ARROW> until see PEER/PEER Comm then press <ENTER>.

- Change Next Master to 0
- Change Last ID to 0  
(If ask for password then enter OMNI )

Go to MISC menu.

Press key <PROG>

Go to I/O menu

Press <UP ARROW> <2> <ENTER> respectively

- Set baud rate to 9600
- Set Data bit to 8
- Set parity to N
- Set Modbus ID to 1
- Set Modbus Type to 0
- Set Modicon compatible to Y  
(If ask for password then Enter OMNI)

Press <PROG> repeatedly until go to Run Menu.