



A SENSOR AT EVERY COMPUTER

# D1700M

## MODBUS REGISTER MAP

| FUNCTION | REGISTER | DIRECTION | VALUE  | DESCRIPTION              |
|----------|----------|-----------|--------|--------------------------|
| 03       | 40002    | Read      | 0.00FF | Events Counter HI        |
| 03       | 40003    | Read      | 0.FFFF | Events Counter LO        |
|          |          |           |        |                          |
| 01       | 00001    | Read      | 0,1    | Digital Input/Output B00 |
| 01       | 00002    | Read      | 0,1    | Digital Input/Output B01 |
| 01       | 00003    | Read      | 0,1    | Digital Input/Output B02 |
| 01       | 00004    | Read      | 0,1    | Digital Input/Output B03 |
| 01       | 00005    | Read      | 0,1    | Digital Input/Output B04 |
| 01       | 00006    | Read      | 0,1    | Digital Input/Output B05 |
| 01       | 00007    | Read      | 0,1    | Digital Input/Output B06 |
| 01       | 00008    | Read      | 0,1    | Digital Input/Output B07 |
| 01       | 00009    | Read      | 0,1    | Digital Input/Output B08 |
| 01       | 00010    | Read      | 0,1    | Digital Input/Output B09 |
| 01       | 00011    | Read      | 0,1    | Digital Input/Output B0A |
| 01       | 00012    | Read      | 0,1    | Digital Input/Output B0B |
| 01       | 00013    | Read      | 0,1    | Digital Input/Output B0C |
| 01       | 00014    | Read      | 0,1    | Digital Input/Output B0D |
| 01       | 00015    | Read      | 0,1    | Digital Input/Output B0E |
|          |          |           |        |                          |
| 01       | 00064    | Read      | 0,1    | Bit #B3F on H1770        |
|          |          |           |        |                          |
| 05       | 00001    | Write     | B00    | Digital Input/Output B00 |
| 05       | 00002    | Write     | B01    | Digital Input/Output B01 |
| 05       | 00003    | Write     | B02    | Digital Input/Output B02 |
| 05       | 00004    | Write     | B03    | Digital Input/Output B03 |
| 05       | 00005    | Write     | B04    | Digital Input/Output B04 |
| 05       | 00006    | Write     | B05    | Digital Input/Output B05 |
| 05       | 00007    | Write     | B06    | Digital Input/Output B06 |
| 05       | 00008    | Write     | B07    | Digital Input/Output B07 |
| 05       | 00009    | Write     | B08    | Digital Input/Output B08 |
| 05       | 00010    | Write     | B09    | Digital Input/Output B09 |

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| FUNCTION | REGISTER | DIRECTION | VALUE | DESCRIPTION                                                                    |
|----------|----------|-----------|-------|--------------------------------------------------------------------------------|
| 05       | 00011    | Write     | B0A   | Digital Input/Output B0A                                                       |
| 05       | 00012    | Write     | B0B   | Digital Input/Output B0B                                                       |
| 05       | 00013    | Write     | B0C   | Digital Input/Output B0C                                                       |
| 05       | 00014    | Write     | B0D   | Digital Input/Output B0D                                                       |
| 05       | 00015    | Write     | B0E   | Digital Input/Output B0E                                                       |
|          |          |           |       |                                                                                |
| 05       | 00064    | Write     | B3F   | Bit #B3F on H1770                                                              |
|          |          |           |       |                                                                                |
| 06       | 40001    | Write     | 0     | Temporarily suspend Modbus RTU protocol and return back to DGH ASCII protocol. |
| 06       | 40001    | Write     | 1     | Clear Events Counter (D1711 and D1712 only)                                    |
|          |          |           |       |                                                                                |
| 15       | 1..64    | Write     | -     | Turn On/Off B00..B3F                                                           |