

# Fuji NB Series PLC

<http://www.fujielectric.co.jp/fcs/eng/>

## HMI Setting:

| Parameters      | Recommend      | Option | Notes |
|-----------------|----------------|--------|-------|
| PLC type        | Fuji NB Series |        |       |
| Com port        | RS485 4W       |        |       |
| Baud rate       | 19200          |        |       |
| Parity bit      | Odd            |        |       |
| Data Bits       | 8              |        |       |
| Stop Bits       | 1              |        |       |
| PLC Station No. | 0              |        |       |

## PLC Setting:

|                    |   |
|--------------------|---|
| Communication mode | NITP protocol / PLC Password (default is 0) |
|--------------------|---|

## Device address:

| Bit/Word | Device Type | Format | Range     | Memo             |
|----------|-------------|--------|-----------|------------------|
| B        | Y           | hhh    | 0~7ff     | Output Relay     |
| B        | X           | hhh    | 0~3ff     | Input Relay      |
| B        | M           | hhh    | 0~fff     | Internal Relay   |
| B        | L           | hhh    | 0~fff     | Latch Relay      |
| B        | C           | hh     | 0~ff      | Counter          |
| B        | M_Spe       | hhhh   | 8000-81ff | Special Relay    |
| B        | T           | hhh    | 0-1ff     | Timer            |
| W        | CV          | hhh    | 0-3ff     | Counter value    |
| W        | TV          | hhh    | 0-3ff     | Timer value      |
| W        | D           | hhhh   | 0-1fff    | Data Register    |
| W        | D_Spe       | hhhh   | 8000-80ff | Special Register |

## Wiring diagram:

MT8000 HMI  
COM1 [RS485]4w  
9P D-SUB

FUJI NB Series  
RJ45 8p connector

|   |     |  |   |     |
|---|-----|--|---|-----|
| 1 | RX- |  | 4 | TX- |
| 2 | RX+ |  | 3 | TX+ |
| 3 | TX- |  | 6 | RX- |
| 4 | TX+ |  | 5 | RX+ |
| 5 | GND |  |   |     |

