

8.3 %AANNTCCFF

Description:

Set the device configuration.

Command Syntax:

| % <u>AANNTCCFF</u> [CS](CR) | |
|-----------------------------|--|
| % | Delimiter character |
| <u>AA</u> | Address of the device to be configured in hexadecimal format (00 to FF) |
| <u>NN</u> | New device address in hexadecimal format (00 to FF) |
| <u>TT</u> | Type code, should be 40 for DIO module |
| <u>CC</u> | New Baud Rate code. (See Baud Rate Settings) |
| <u>FF</u> | Used to set the counter update direction and checksum (See Data Format Settings) |
| [CS] | Checksum |
| (CR) | Carriage Return |

Response:

Valid Command: !AA[CS](CR)

Invalid Command: ?AA[CS](CR)

| | |
|-----------|--|
| ! | Delimiter for a valid command |
| ? | Delimiter for an invalid command |
| <u>AA</u> | Address of the device in hexadecimal format (00 to FF) |
| [CS] | Checksum |
| (CR) | Carriage Return |

Examples:

Change the device address from 01 to 02. The device returns a valid response.

Command: %0102400600(CR)

Response: !02(CR)

Change the Baud Rate of device 01 to 115200. Device returns a valid response.

Command: %0101400A00(CR)

Response: !01(CR)

Change the Baud Rate of device 01 to 115200. Device returns invalid command because the baud rate code is incorrect.

Command: %010140FF00(CR)

Response: ?01(CR)

Note: Any change to the address and counter update direction take effect once the command has been received. Changes to the Baud Rate and checksum settings take effect the next time the device is restarted.