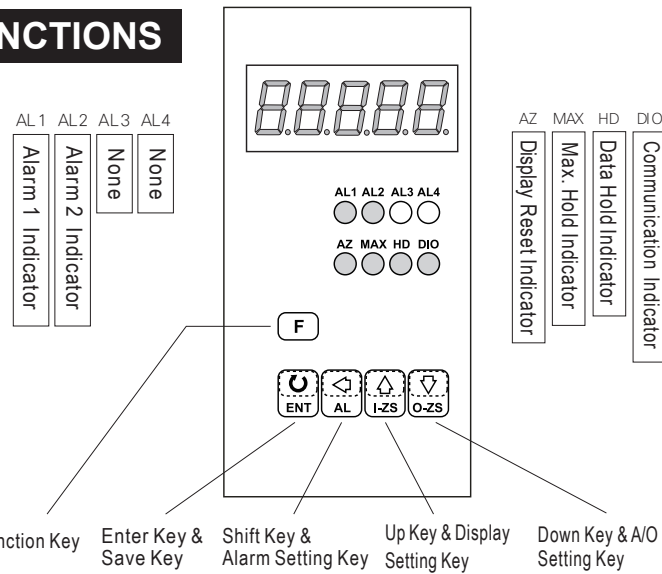


## KEY FUNCTIONS



Measuring Status

Parameter Page

Parameter Setting

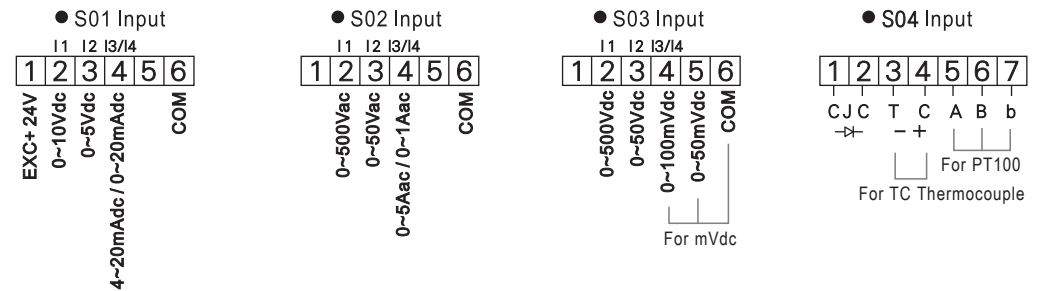
|                             |                           |                                                      |                                                |                                             |                                                |
|-----------------------------|---------------------------|------------------------------------------------------|------------------------------------------------|---------------------------------------------|------------------------------------------------|
| Enable the setting function | Enter to parameter groups | Hold for 3 sec. enter to Alarm Setpoint Modification | Hold for 3 sec. enter to Display Group Setting | Hold for 3 sec. enter to A/O Group Setting. | <br>In any status can back to measuring status |
|                             |                           | Enter to parameter setting                           | Back to the last parameter page                | Go to the next parameter page               |                                                |
| RLrSt.oFF<br>nR4, R7, Hd    | Save the value            | Move the cursor left                                 | Increase the digit                             | Decrease the digit                          |                                                |

## ERROR CODE OF SELF-DIAGNOSIS

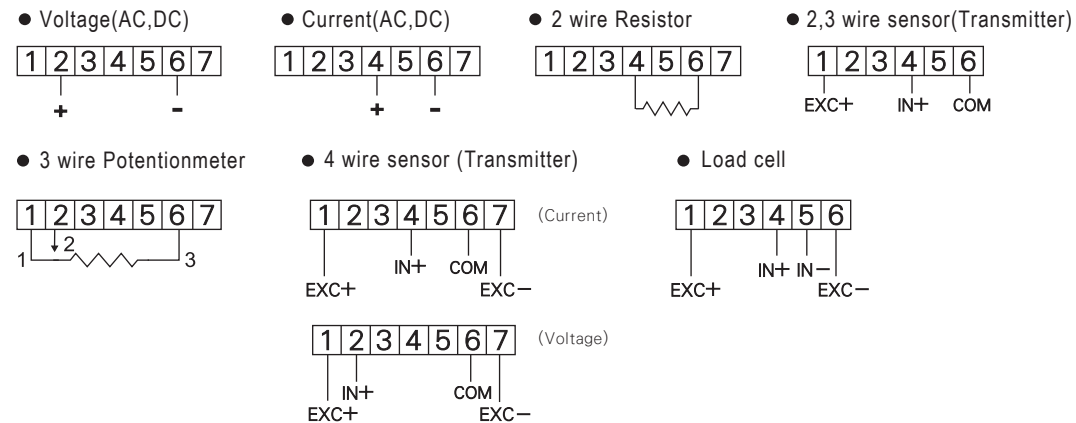
|              |                                                                             |
|--------------|-----------------------------------------------------------------------------|
| $\cdot 10FL$ | Input signal is over 120% of input range.                                   |
| $- 10FL$     | Input signal is under -10% of input range.                                  |
| $RdEr$       | Input signal is over 180% of input range or meter error.                    |
| $doFL$       | Input signal is over display range (999999).                                |
| $-doFL$      | Input signal is under display range (-199999).                              |
| $E-00$       | EEPROM reading / writing suffers the interference ( about 1 million times). |

## WIRING CONNECTION

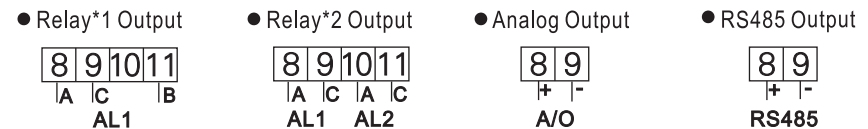
Compound Input (S01,S02,S03,S04)



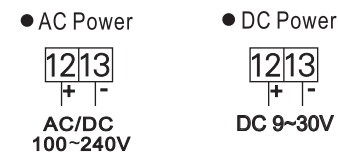
Input Function



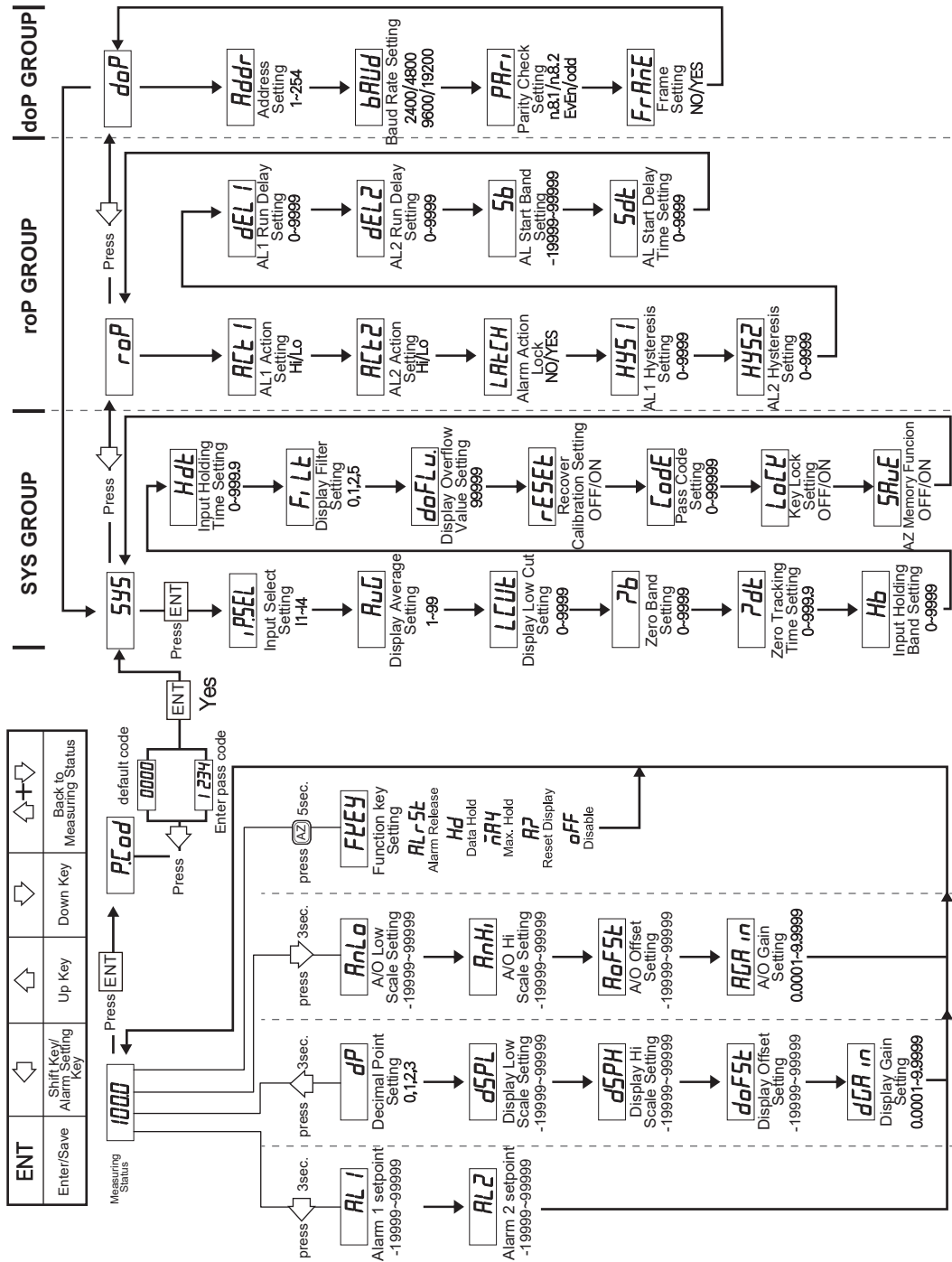
Output Function



Power



|     |                                    |        |          |                             |
|-----|------------------------------------|--------|----------|-----------------------------|
| ENT | Shift Key/<br>Alarm Setting<br>Key | Up Key | Down Key | Back to<br>Measuring Status |
|-----|------------------------------------|--------|----------|-----------------------------|



## MODBUS RTU MODE PROTOCOL ADDRESS TABLE

Data: 16Bit / 32Bit, +/- is 8000~7FFF (-32768~32767), 80000000~7FFFFFFF(-2147483648~2147483647)

| Modbus | HEX  | Name    | Descriptions                                                                                                                | Act |
|--------|------|---------|-----------------------------------------------------------------------------------------------------------------------------|-----|
| 40001  | 0000 |         |                                                                                                                             |     |
| 40002  | 0001 |         |                                                                                                                             |     |
| 40003  | 0002 |         |                                                                                                                             |     |
| 40004  | 0003 | DP      | Decimal point setting; range: 0000~0003 (0~3) 0:10 <sup>0</sup> , 1:10 <sup>1</sup> , 2:10 <sup>2</sup> , 3:10 <sup>3</sup> | R/W |
| 40005  | 0004 | BAUD    | Baud rate setting; range: 0000~0003 (0~3) 0:2400, 1:4800, 2:9600, 3:19200                                                   | R/W |
| 40006  | 0005 | PARI    | Parity setting; range: 0000~0003 (0~3), 0:N.8.1., 1:N.8.2., 2:EVEN, 3:ODD                                                   | R/W |
| 40007  | 0006 | AVG     | Display average setting; range: 0001~0063 (1~99)                                                                            | R/W |
| 40008  | 0007 |         |                                                                                                                             |     |
| 40009  | 0008 | ADDR    | Address setting; range: 0000~00FF (1~254)                                                                                   | R/W |
| 40010  | 0009 |         |                                                                                                                             |     |
| 40011  | 000A |         |                                                                                                                             |     |
| 40012  | 000B |         |                                                                                                                             |     |
| 40013  | 000C |         |                                                                                                                             |     |
| 40014  | 000D |         |                                                                                                                             |     |
| 40015  | 000E |         |                                                                                                                             |     |
| 40016  | 000F |         |                                                                                                                             |     |
| 40017  | 0010 |         |                                                                                                                             |     |
| 40018  | 0011 |         |                                                                                                                             |     |
| 40019  | 0012 | CODE    | Pass code setting; range: 00000000~0001869F(0~99999) Hi Bit                                                                 | R/W |
| 40020  | 0013 |         | Pass code setting; range: 00000000~0001869F(0~99999) Low Bit                                                                | R/W |
| 40021  | 0014 | DSPL    | Display low scale setting; range:FFFFB1E1~0001869F(-19999~99999) Hi Bit                                                     | R/W |
| 40022  | 0015 |         | Display low scale setting; range:FFFFB1E1~0001869F(-19999~99999) Low Bit                                                    | R/W |
| 40023  | 0016 | DSPH    | Display hi scale setting; range:FFFFB1E1~0001869F(-19999~99999) Hi Bit                                                      | R/W |
| 40024  | 0017 |         | Display hi scale setting; range:FFFFB1E1~0001869F(-19999~99999) Low Bit                                                     | R/W |
| 40025  | 0018 |         |                                                                                                                             |     |
| 40026  | 0019 | DISPLAY | Current display; range:FFFFB1E1~0001869F(-19999~99999) Hi Bit                                                               | R   |
| 40027  | 001A |         | Current display; range:FFFFB1E1~0001869F(-19999~99999) Low Bit                                                              | R   |
| 40028  | 001B |         |                                                                                                                             |     |
| 40029  | 001C |         |                                                                                                                             |     |
| 40030  | 001D |         |                                                                                                                             |     |
| 40031  | 001E | DISPLAY | Current display; range:FFFFB1E1~0001869F(-19999~99999) Hi Bit                                                               | R   |
| 40032  | 001F |         | Current display; range:FFFFB1E1~0001869F(-19999~99999) Low Bit                                                              | R   |
| 40039  | 0026 | DISPLAY | Current display; range:FFFFB1E1~0001869F(-19999~99999) Hi Bit                                                               | R   |
| 40040  | 0027 |         | Current display; range:FFFFB1E1~0001869F(-19999~99999) Low Bit                                                              | R   |