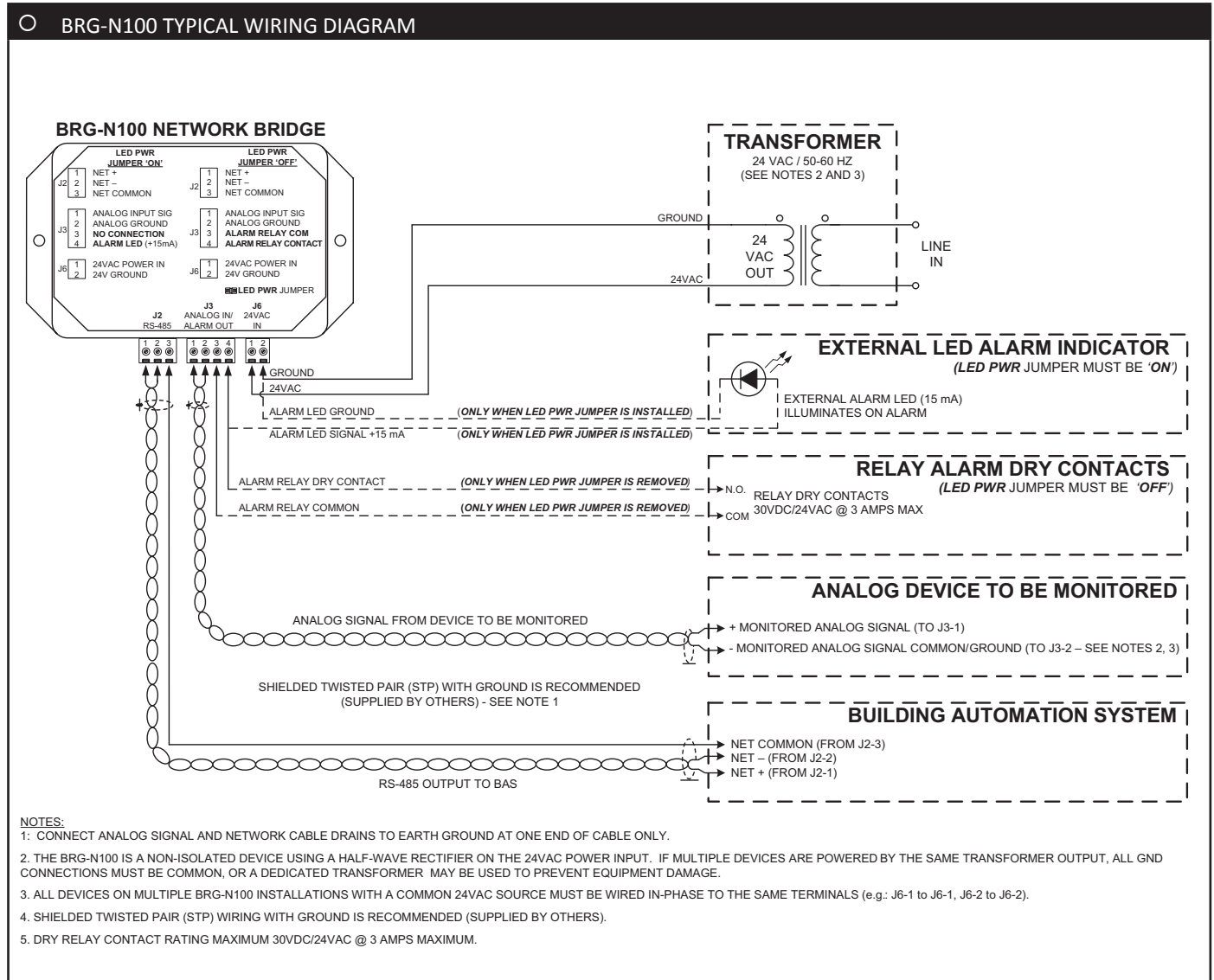


RS-485 Network Bridge with Configurable Display and Alarm Capability

**INSTALL / SETUP**

DOCUMENT PN: 930-0560

○ BRG-N100 TYPICAL WIRING DIAGRAM



### BRG-N100 BACnet Objects

| Type, ID | Name         | Default Units | Notes  |
|----------|--------------|---------------|--|
| Device   | BRG-N100     |               |  |
| AI, 1    | Analog Input | FPM           |  |
| AI, 2    | Alarm Status | None          |  |
| BO, 1    | Relay        | None          | INACTIVE = Open, ACTIVE = Close;<br>Write at any Priority less than 16 |
| BO, 2    | LED          | None          | INACTIVE = Off, ACTIVE= On;<br>Write at any Priority less than 16      |

Notes:

Writable Properties: Present Value, COV, Out of Service, Units, Max Present Value, Min Present Value, Polarity (Relay).

Default Baud is 76,800.

Internal write is at Priority 16.

Priority 1-8 are non-volatile.

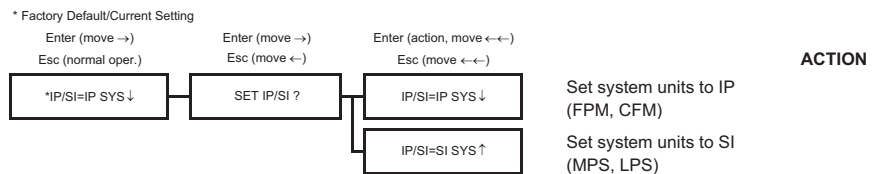
### BRG-N100 Modbus Register Map

| Function | Address     | Type            | Description                        | Range/Value   |
|----------|-------------|-----------------|------------------------------------|---|
| 2        | 10001       | boolean         | Trouble Status                     | 0:OK, 1:Trbl  |
| 4        | 30001-30002 | float           | AI1 Scaled Value                   | Minscale to Fullscale                                   |
| 4        | 30003       | 16 bit unsigned | Alarm Status -<br>Write 0 to clear | 0: No alarm<br>1: High Alarm<br>2: Low Alarm<br>3: Both |
| 4        | 30005-30006 | float           | Analog Input Fullscale             | 0 to 999,999  |
| 4        | 30007-30008 | float           | Analog Input Minscale              | -999,999 to<br>999,999                                  |
| 4        | 30009       | 16 bit unsigned | Relay                              | 0 = Open, 1 = Closed;<br>Any other value clears write   |
| 4        | 30010       | 16 bit unsigned | LED                                | 0 = Off, 1 = On;<br>Any other value clears write        |
| 4        | 30201       | 16 bit unsigned | Float word order                   | 0: high word first;<br>1: low word first                |

Note: Default is 19,200, even parity, 1 stop bit.

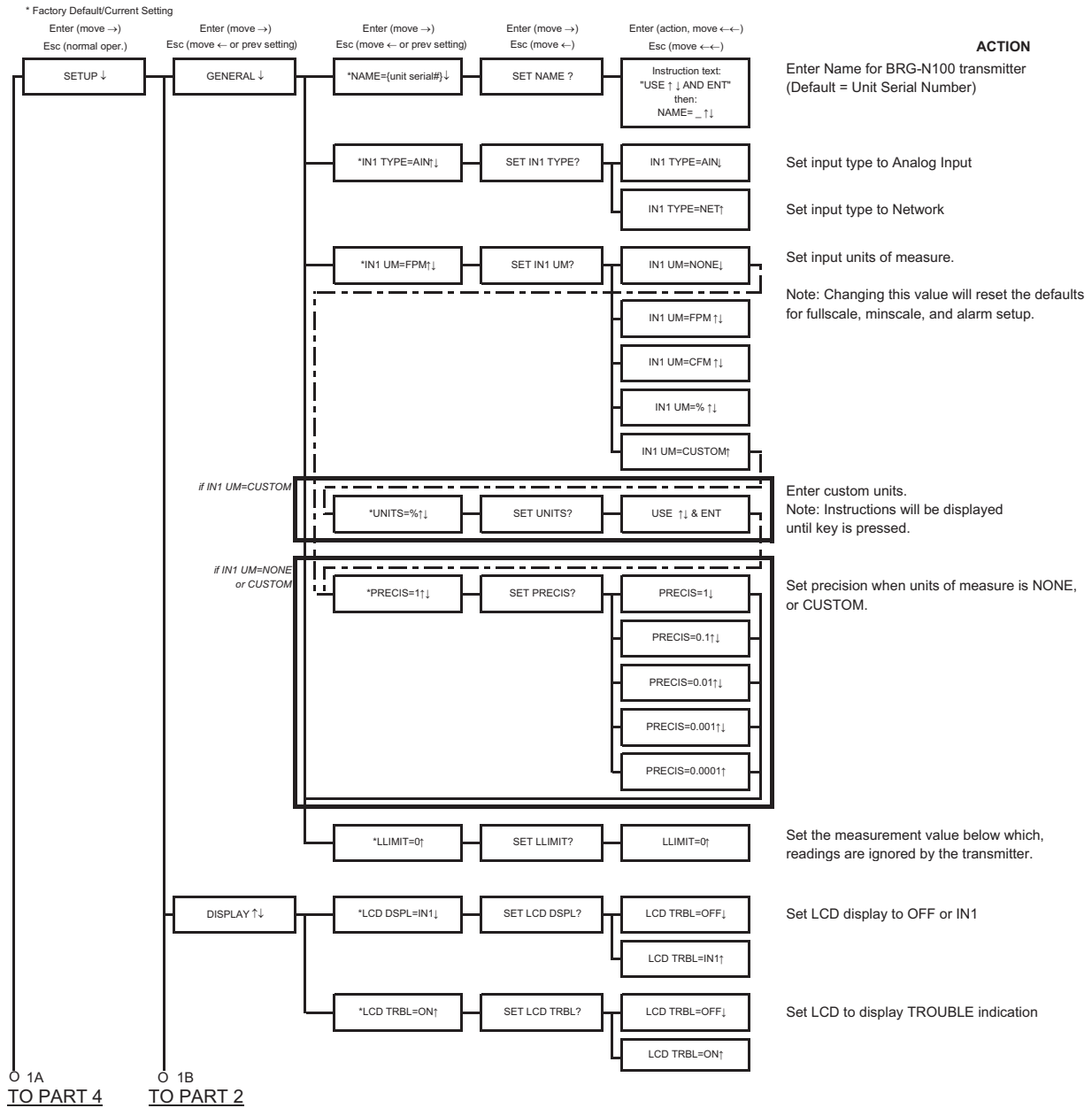
### SYSTEM OF UNITS MENU

Simultaneously depress/release ENTER + ESC keys during normal operation to select

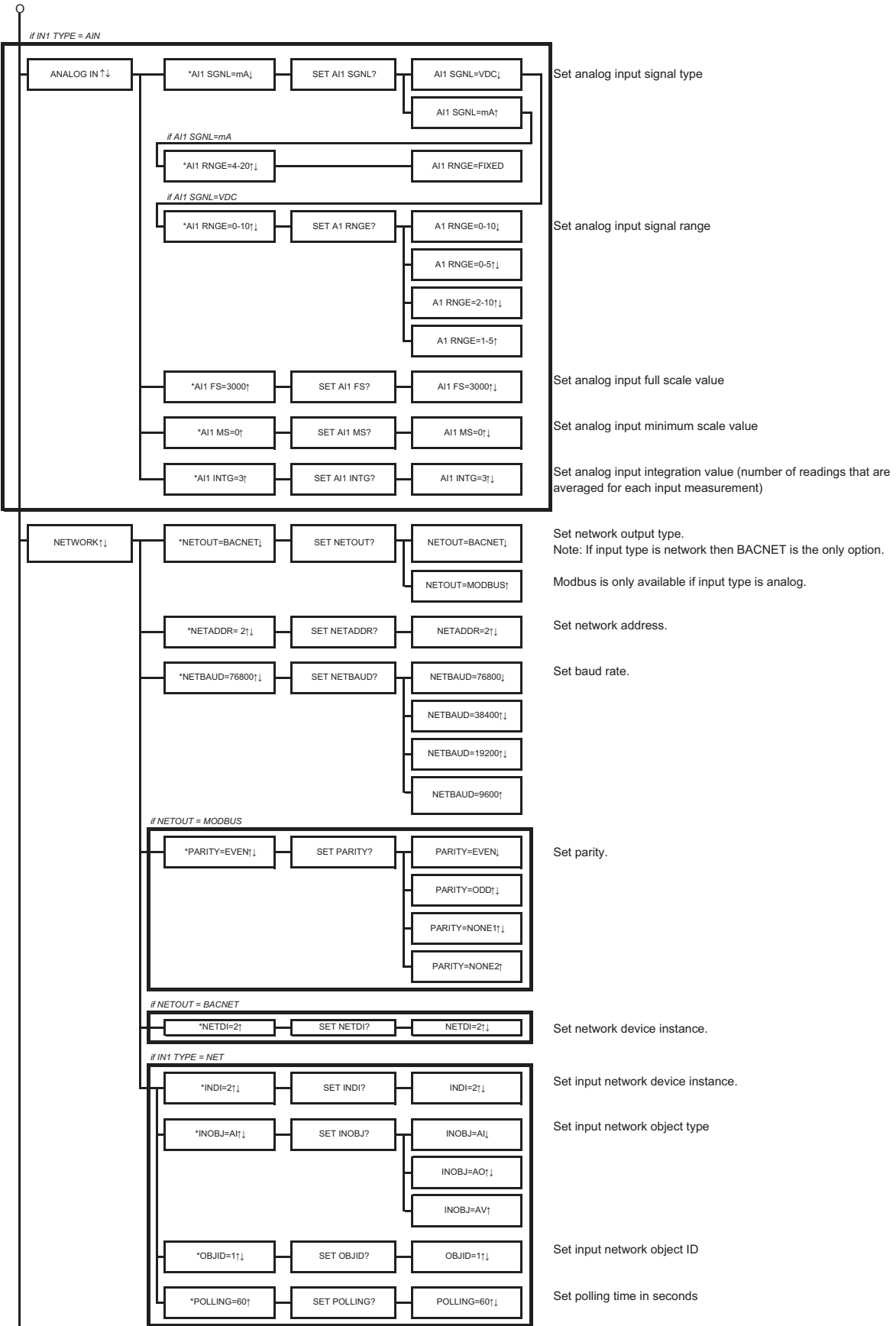


**SETUP MENU**

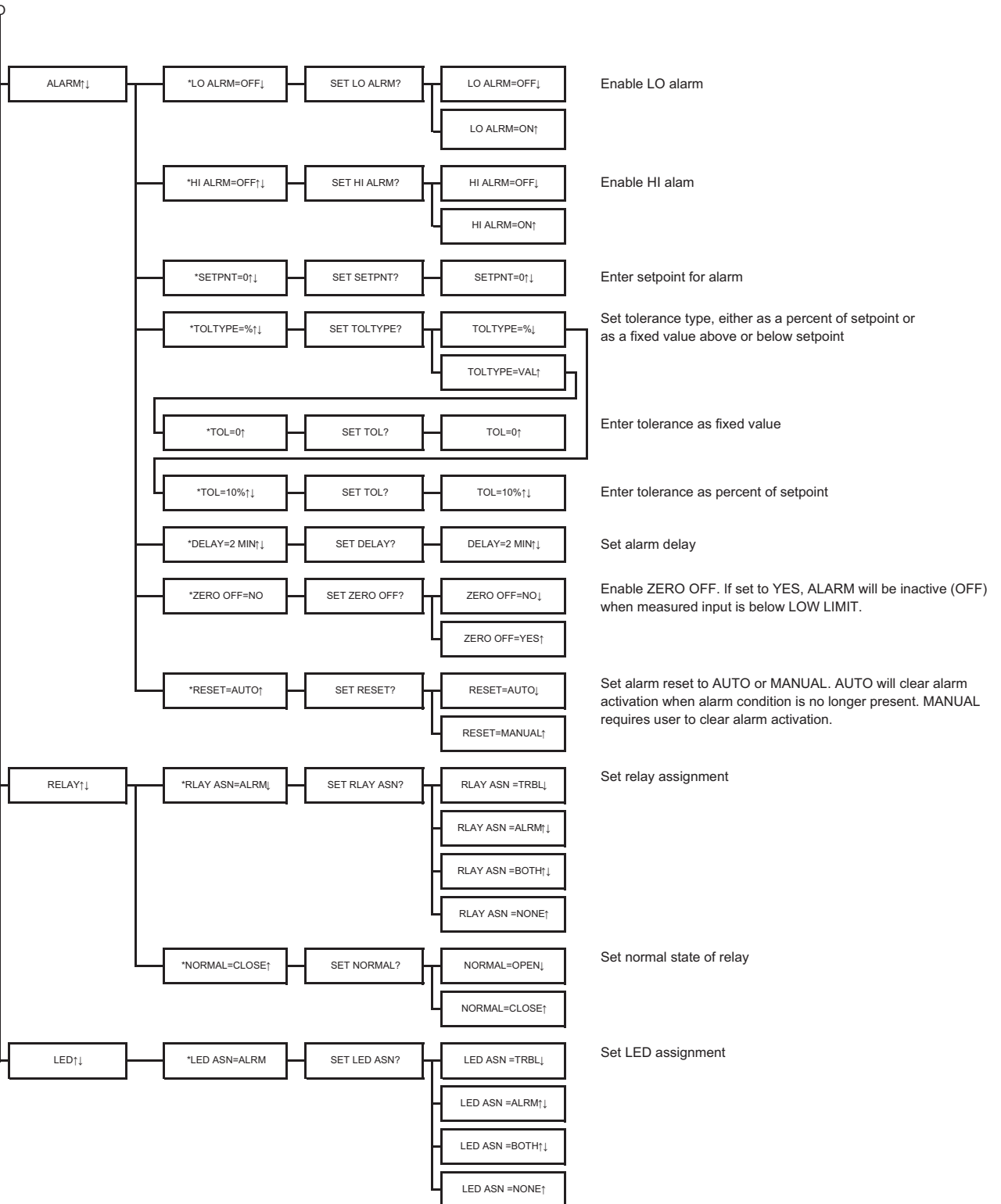
Simultaneously depress/release ↑ + ↓ keys during normal operation to select



FROM PART 1B



FROM PART 2



○ SETUP MENUS (PART 4 OF 4)

FROM PART

1'A'

○ 4

