

**MICROPROCESS PANEL MONITOR METER**

**MCM-1 OPERATION MANUAL**

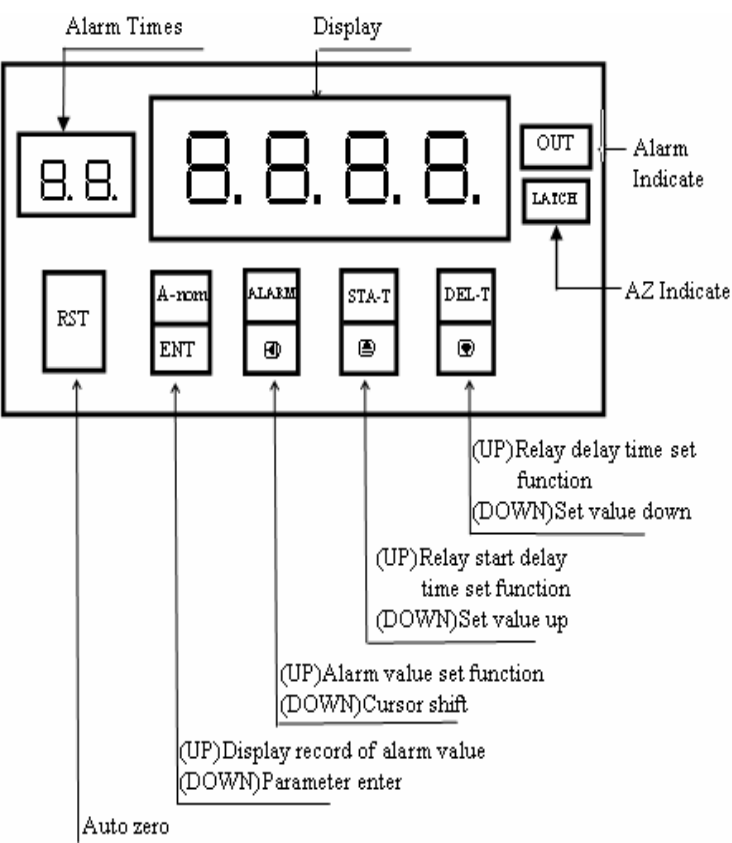
[PARAMETER DESCRIPTION]

- ◎ "ㄱ ㄷ" (Pass code: The Pass code is right into next page. Otherwise return normal display)
- ◎ "ㄹ ㄴ" (Alarm value setting 0~9999)
- ◎ "ㄷ ㅅ" (Relay start delay time setting 0~99.9s)
- ◎ "ㄷ ㅅ" (Alarm delay time setting 0~99.9s)
- ◎ "ㄷ ㅍ" (Decimal point setting)
- ◎ "ㄷ ㄴ" (minimum value of display setting)
- ◎ "ㄷ ㅎ" (maximum value of display setting)
- ◎ "ㄹ ㅅ" (Decide alarm active: HI, LO, GO or HL)
- ◎ "ㅎ ㅅ" (Alarm hysteresis setting 0~100%(alarm value = 100%))
  - While ㄹ ㅅ = HI:  $Display \geq AL + (AL * HY) \implies$  (Relay on) ;  $Display \leq AL - (AL * HY)$  (Relay off)
  - While ㄹ ㅅ = LO:  $Display \geq AL + (AL * HY)$  (Relay off) ;  $Display \leq AL - (AL * HY)$  (Relay on)
  - While ㄹ ㅅ = GO:  $AL + (AL * HY) \leq display \leq AL - (AL * HY)$  (Relay on). Otherwise (Relay off)
  - While ㄹ ㅅ = HL:  $AL + (HY * AL) > display > AL - (AL * HY)$  (Relay off). Otherwise (Relay on)
- ◎ "ㄹ ㅅ" (Reset record of alarm value and alarm times)
- ◎ "ㄴ ㄱ" (Panel lock setting)
- ◎ "ㄷ ㅍ" (Adjust display minimum)
- ◎ "ㄷ ㅅ" (Adjust display maximum)



[Name of part]

[Connect diagram]



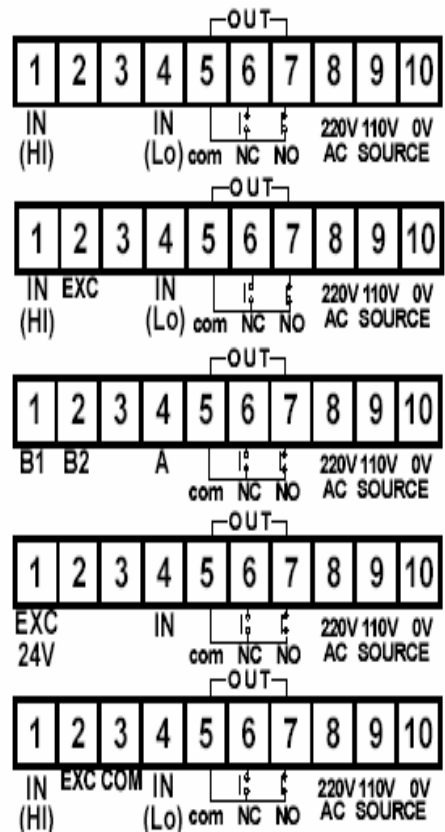
(DC, AC, TC, R)

(Potentiometer)

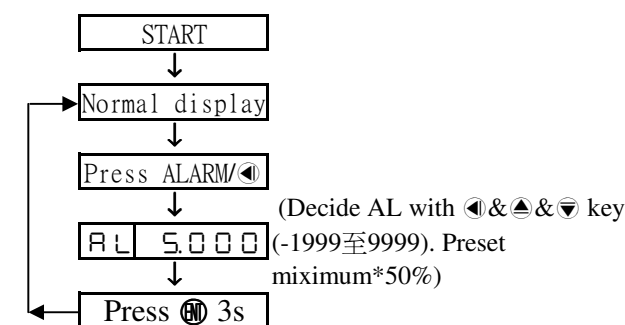
(Pt-100)

(Two-wire Transmitter)

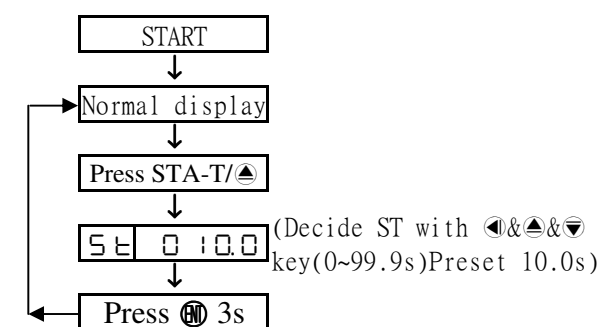
(Load Cell)



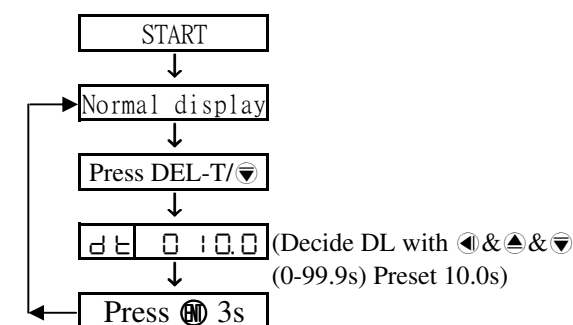
1. Alarm value setting



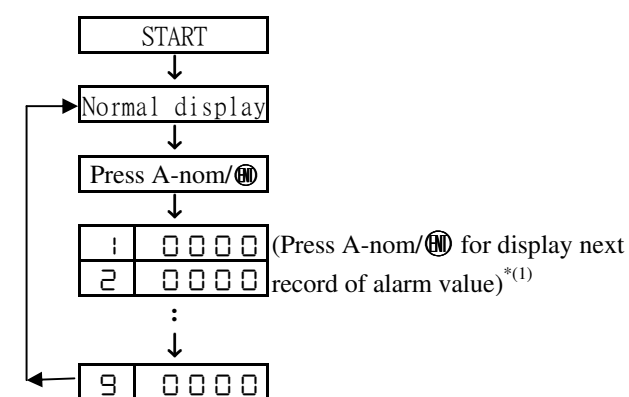
2. Relay star delay time



3. Alarm delay time setting



4. Display record of alarm value



Note(1):It will recover while alarm times > 9  
 Note(2):It's like use digital VR while DZ and DS  
 Note(3):It will return normal display while press ▲&▼ at same time

Note(4):It will return normal display while no key in 30s in any page

Note(5):The preset value is show in operation manual

