

MANUAL FOR EN300 DIGITAL INDICATOR CUM CONTROLLER

WIRING

1. Connect the 230V AC supply to No.16 & 15 as explained below.

230V AC Power Supply

- No. 16 – (L)..... (LIVE)
- No. 15 – (N)..... (NEUTRAL)

2. **Indicator connections to Transmitter**

- Indicator No. 8 (+ve 4-20mA) connected to Transmitter Pin2* (o/p)
- Indicator No. 5 (+ve 24VDC) connected to Transmitter Pin1* (power supply)
- Indicator No. 4 (-ve 24VDC) to be shorted to Indicator no. 7 (-ve 4-20mA) by a small wire.

Note: * Pin 2 (mA o/p) & Pin 1 (+ve Power Supply) of MEAS Transmitter.

Calibration and setting procedure for digital indicator

KEY 1 ➤ SHIFT
KEY 2 ▲ UP
KEY 3 ↵ ENTER
KEY 4 MODE/ESC

- A) RANGE (SPAN) SETTING**
- B) SETTING ALARM (RELAY O/P)**
- C) CALIBRATION**

A) RANGE (SPAN) SETTING

Press MODE/ESC KEY

Display will show PASS

Press ENTER

Display will show 0000 (Factory set password is 0000).

Press ENTER

Display will show rAnG

Press ENTER

Display will show rALo

Press ENTER

Display will show 000.0 first zero will blink

Use SHIFT and UP Key to set the lower range value.

(SHIFTING THE POINT)

Use SHIFT KEY blinking display will shift to next digit after forth display blinking press shift once blinking will stop pressing UP key will change the decimal point position. Place the decimal point at desired position and press ENTER

Press UP KEY when display shows rALo (range low) display will show rAHI
press SHIFT and UP key to set the high range value.

B) SETTING ALARM (RELAY O/P)

Press ENTER (Key3)

Display will show : ALM 1

Press UP KEY to select ALM 1 or ALM 2

press ENTER

Display will show : SETP press ENTER

Display will show set point use SHIFT and UP to change the set point
press ENTER

Display will show : SETP *

Press ESC

Display will show : ALM 1

Press ESC if you don't want to change other parameters like hysteresis and
alarm type.

To change hysteresis press UP key when display shows SETP

Press ENTER

Display will show HYST use SHIFT and UP to change the
hysteresis.

Press ENTER

Display will show : HYST

Press ESC

Display will show : ALM 1

Press ESC

if you don't want to change alarm type

Otherwise press UP key when display shows HYST

Press ENTER

Display will show HI or Lo use UP to change the

Hi or Lo alarm type.
press ENTER
Press ESC.
Display will show : ALM 1
Press ESC.

Use same procedure for ALM 2

D) CALIBRATION

Press MODE/ESC KEY

Display will show PASS

Press ENTER

Display will show 0000 (Factory set password is 0000).

Press ENTER

Display will show rAnG

Press UP KEY

Display will show IPCL

Press ENTER

Display will show IPLo

Feed the DCmA as per range low

Press enter

Display will show some value. This value should be steady

Press ENTER

Press UP

Display will show IPHI

Feed the DCmA as per range high

Display will show some value. This value should be steady

Press ENTER

Press ESC

Display will show IPCL

Press ESC