ADTEK

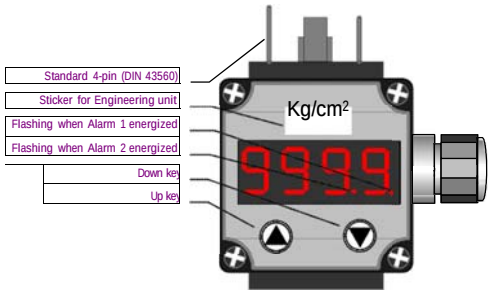
ISO 9001
Registered

# CFI-40 DIGITAL FIELD INDICATORS

## FEATURE

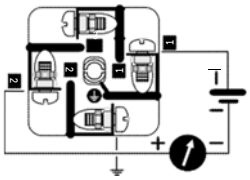
- Measuring loop current 4~20 mA (2 wired transmitters)
- High accuracy and resolution (9999 digits LED)
- User function, easily programmed by the front panel
- Two photo couple for alarrm outputs
- CE approved

## FRONT PANEL

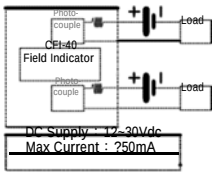



## CONNECTION DIAGRAM

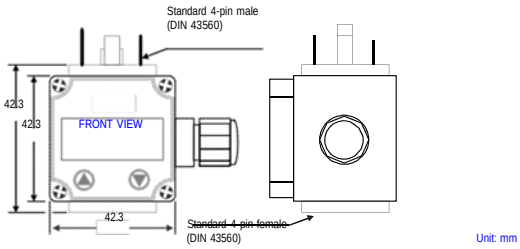
Standard 4-pin (DIN 43560)
2 wired connection



2 photo-couple outputs for
two alarms

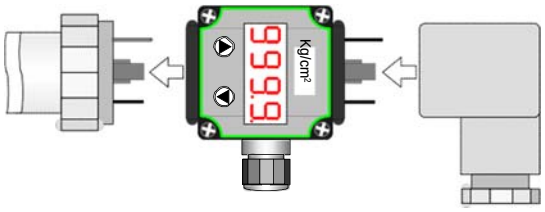



## DIMENSIONS

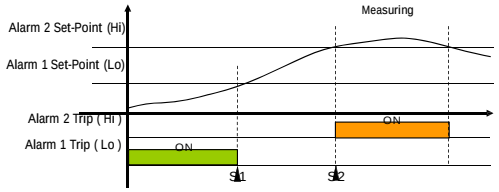



Unit: mm

## INSTALLATION




## HI-LO SEQUENCE




## SETTING

# 1. Setting

* In the following description, “A” denote the button“ ”, “B” denote the button “ ”, and “A+B” denote pressing the button “ ” and button “ ” at the same time.

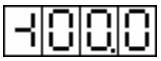
## 2.1 Power On

Enter into the interface of display.

## 2.2 Zero-Point (value to be displayed for 4mA)

Press button “A+B”, unit  is displayed.

→ “A+B” menu item for setting: 

→ “A” to move the cursor, “B” to change the value that the cursor point to. For example: -100.0Kpa. 

→ “A+B” to confirm and store setting and return to the menu item.

## 2.3 Span (value to be displayed for 20mA)

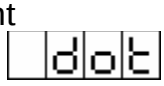
Press button “A”, unit  is displayed.

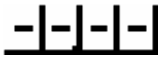
→ “A+B” menu item for setting: 

→ “A” to move the cursor, “B” to change the value that the cursor point to. For example: 100.0Kpa 

→ “A+B” to confirm and store setting and return to the menu item.

## 2.4 Decimal Point

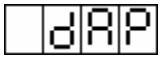
Press button “A”, unit  OR  is displayed.

→ “A+B” menu item for setting: 

→ “A” to move the decimal toward left, “B” to move the decimal toward right.

→ “A+B” to confirm and store setting and return to the menu item.

## 2.5 Damping

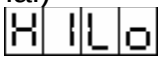
Press button “A”, unit  is displayed.

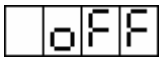
→ “A+B” menu item for setting:

→ “A” to move the cursor, “B” to change the value that the cursor point to. (Min=0s, Max=20s, step 0.5s)

→ “A+B” to confirm and store setting and return to the menu item.

## 2.6 Alarm (Optional)

Press button “A”, unit  is displayed.

→ “A+B” menu item for setting: 

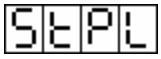
→ “A” or “B” to change the setting either “on” or “off”. “on” means the parameter followed is valid, and the alarm was expressed by the twinkle of the last decimal point. And “off” cancel the alarm function.

→ “A+B” to confirm and store setting and return to the menu item.

Alarm 1: (+)Red; (-)Yellow

Alarm 2: (+)Black; (-)Yellow

## 2.7 The First Alarm Point

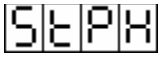
Press button “A”, unit  is displayed.

→ “A+B” menu item for setting:

→ “A” to move the cursor, “B” to change the value that the cursor point to.

→ “A+B” to confirm and store setting and return to the menu item.

## 2.8 The Second Alarm Point

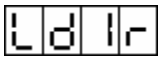
Press button “A”, unit  is displayed.

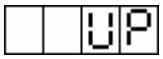
→ “A+B” menu item for setting:

→ “A” to move the cursor, “B” to change the value that the cursor point to.

→ “A+B” to confirm and store setting and return to the menu item.

## 2.9 The Direction of The First Alarm Point

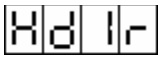
Press button “A”, unit  is displayed.

→ “A+B” menu item for setting: 

→ “A” or “B” to change the setting either “up” or “dn”. “up” means alarm while the value change from small to big, and “dn” means alarm while the value change from big to small.

→ “A+B” to confirm and store setting and return to the menu item.

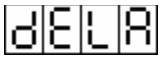
## 2.10 The Direction of The Second Alarm Point

Press button “A”, unit  is displayed.

→ “A” or “B” to change the setting either “up” or “dn”. “up” means alarm while the value change from small to big, and “dn” means alarm while the value change from big to small.

→ “A+B” to confirm and store setting and return to the menu item.

## 2.11 The Delay

Press button “A”, unit  is displayed.

→ “A” menu item for setting.

→ “A” to move the cursor, “B” to change the value that the cursor point to. (Min=0s, Max=30s)

→ “A+B” to confirm and store setting and return to the menu item.

→ “A” return to the original interface. And all setting is completed.