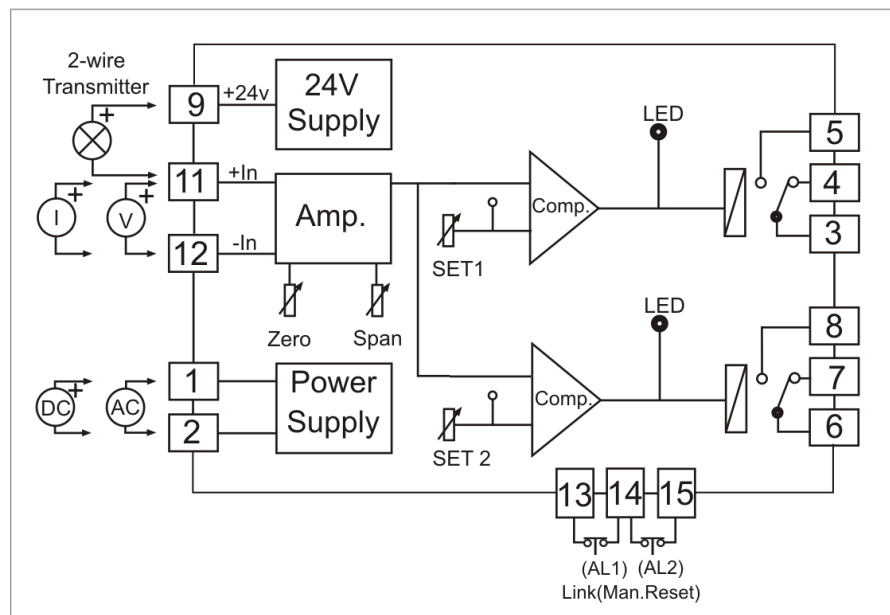


# Digital Process Indicator DP95



- 3 1/2 digits LED display
- Adjustable display scaling
- 24 VDC supply for 2-wire transmitter
- 2 alarm setpoint with relay contact output

**Digital Process Indicator DP95** can receive the standard current or voltage to show as scaled display. It has 2 adjustable alarm setpoints with relay output contact. It also has 24 VDC supply for 2 - Wire Transmitter.



## Specifications

### Monitor

**Display:** 3 ½ Digits, 14.2 mm. (7-segment)

**Display Color:** Red (std)

**Dacimal Point:** 3 positions selectable by jumper

**Read Rate:** 2.5 / sec

**Scaling Factor:**

Zero 0 ~ ± 2700 counts

Span 150 to 4000 counts

### Analog Input

**Number of Channel:** 1 Channel

**Input Type:** Current, Voltage

**Input Range:**

Current (0-20, 4-20 mA)

Voltage (0-5, 1-5, 0-10 VDC)

### Relay Output

**Number of Channel:** 2 Channels (Alarm)

**Relay Type:** SPDT relay contact

**Contact Rating:** 3 A @ 250 VAC

**Alarm Mode:** High or low selectable

**Alarm set point:** setpoint adjustable  
0 to 100%

**Ordering Information:** Specify Input, Alarm Mode, Power Supply

Example DP95/4-20mA/HL/220VAC

### Package Checklist

1. DP95

### Power Requirements

**Power Supply:** 110, 220 VAC  
(24, 110, 125 VDC Optional)

### Environmental Limits

**Operating Temperature:** 0 to 55 °C

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** 0 to 70 °C

### Physical Characteristics

**Dimension:** W96 x H46 x D120 mm.

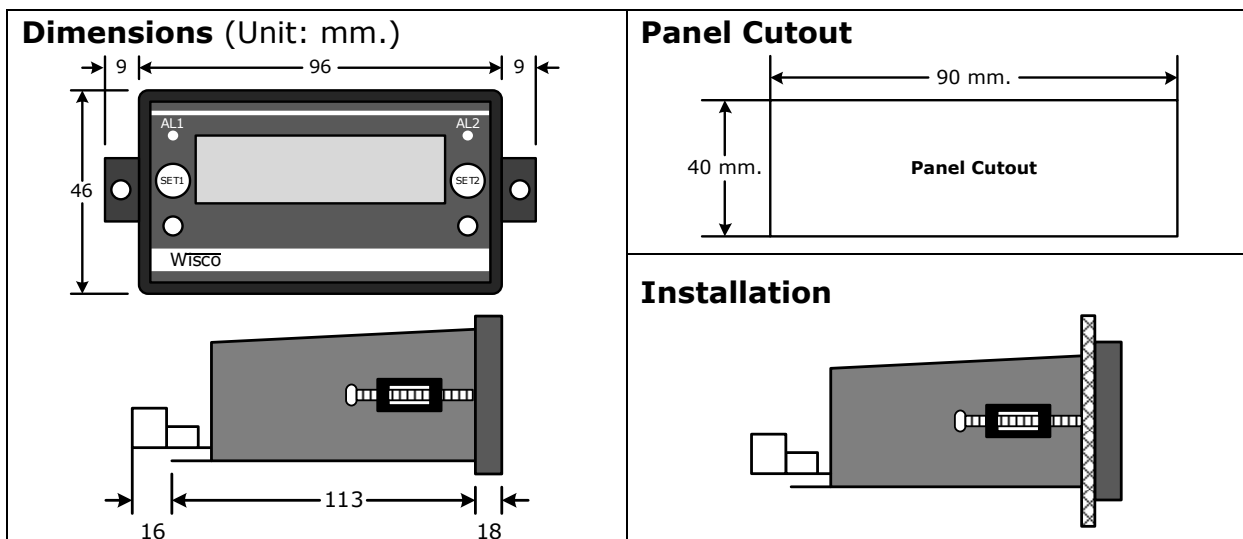
**Panel Cutout:** W90 x H40 mm.

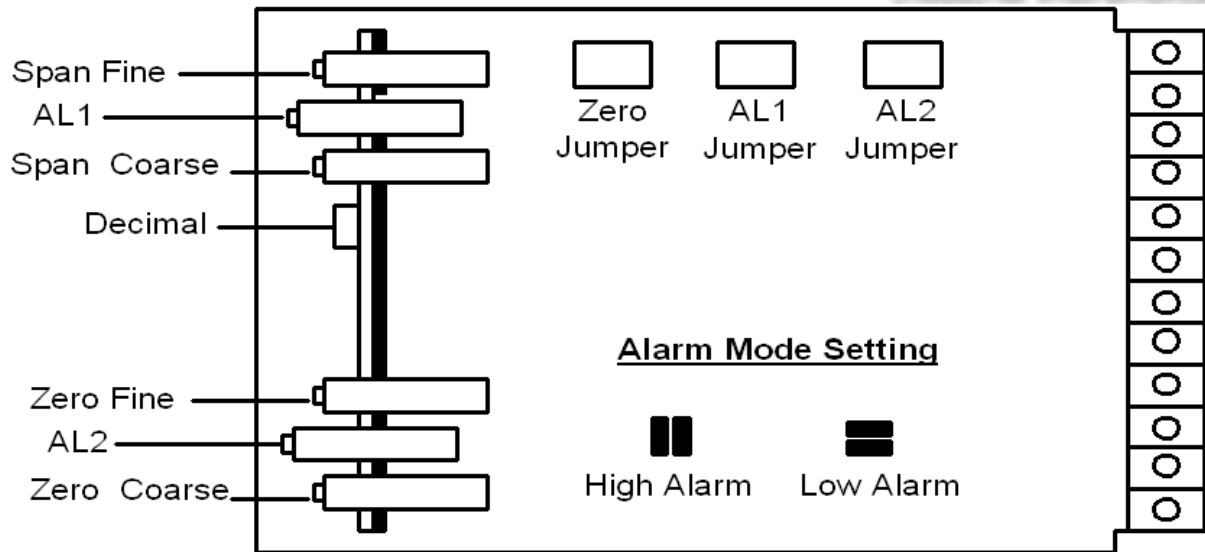
**Mounting:** Panel flush mounting

**Wiring:** Screw terminals

### Warranty

**Warranty Period:** 5 Year





### Digital Display Setting

Open the front panel and you will see potentiometers for adjustment as shown in figure 1. Proceed as follows.

1. Apply the input signal at 0 % of the input range, adjust the "Zero" potentiometer until the required display shows. (If it cannot adjust to the required display move the "Zero" jumper to "+" or "-" position.)
2. Apply the input signal at 100% of the input range, adjust the "Span" potentiometer until the required display shows.
3. Repeat step 1 and 2 until the required display is achieved.
4. The position of the decimal point can be set by changing the position of the jumper.

### Alarm Setting

1. Alarm mode (High Alarm or Low Alarm) can be set by the jumper at position AL1 and AL2 as shown in figure 1.
2. To adjust alarm setpoint, press and hold the "SET" button the display will show the actual alarm setpoint. To adjust this use a screw driver to adjust it to the required setpoint. (The "SET1" is for the adjustment of alarm "AL1" and the "SET2" is for the alarm "AL2")