

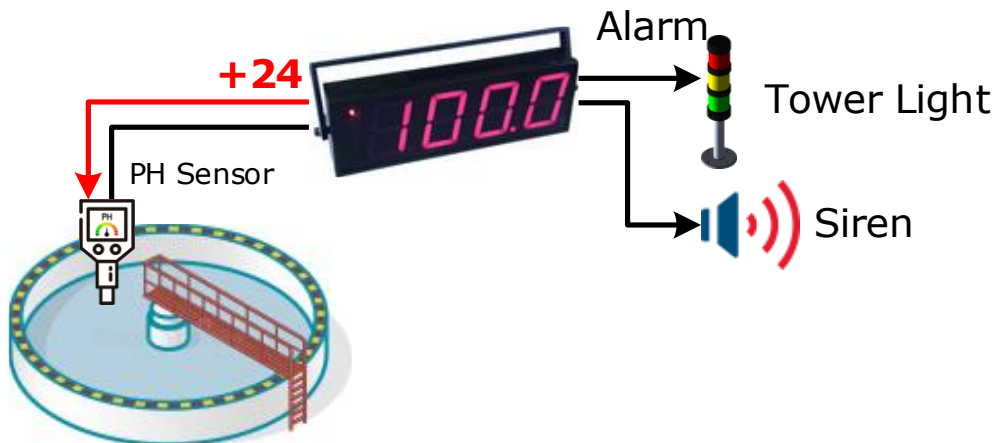
Big Process Indicator

DP49



- Display 100 mm. height
- 3 ½ digits LED display
- Adjustable display scaling
- 24 VDC supply for 2-wire transmitter
- 2 alarm setpoint with relay contact output

Big Process Indicator DP49 is a Big Display with 100mm height. It would be able to clearly see from 50 meter far distance. There are types of standard signal input current or voltage, scalable display with maximum of "1999". DP49 has two alarm set-points with reply as standard function. DP49 is coming with 24VDC power supply for 2-Wire Transmitter



Specifications

Monitor

Display: 3 ½ Digits, 100 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 to 20, 4 to 20 mA)

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

Input impedance: Current Load 100 Ω

Relay Output

Number of Channel: 2 Channels (Alarm)

Relay Type: N.O. (SPDT)

Contact Rating: 3 A @ 250 VAC

Alarm Mode: High - Low, High - High,
Low - Low (selectable)

Alarm set point: setpoint adjustable
0 to 100 %

Ordering Information: Specify Input, Alarm Mode, Power Supply

Example DP49/4-20mA/High-Low/220VAC

Package Checklist

1. DP49

Power Requirements

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

Power Consumption

Standby: 40 mA @ 24 VDC with current limit

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W410 × H140 × D65 mm.

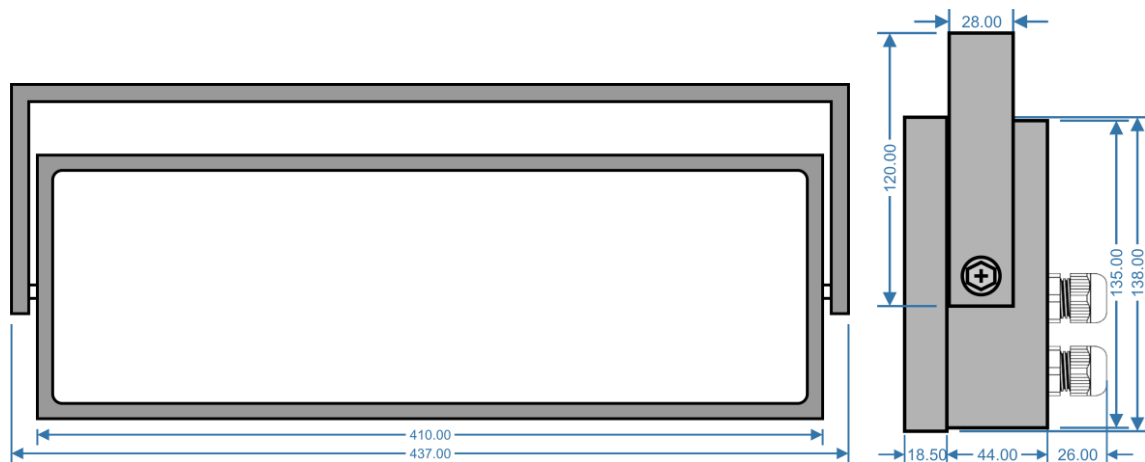
Mounting: Wall mounting

Wiring: Screw terminals

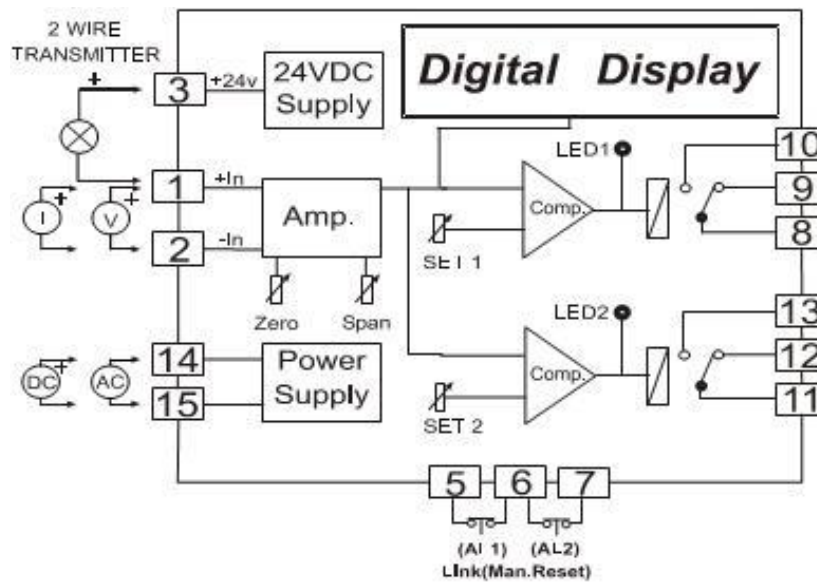
Warranty

Warranty Period: 5 Year

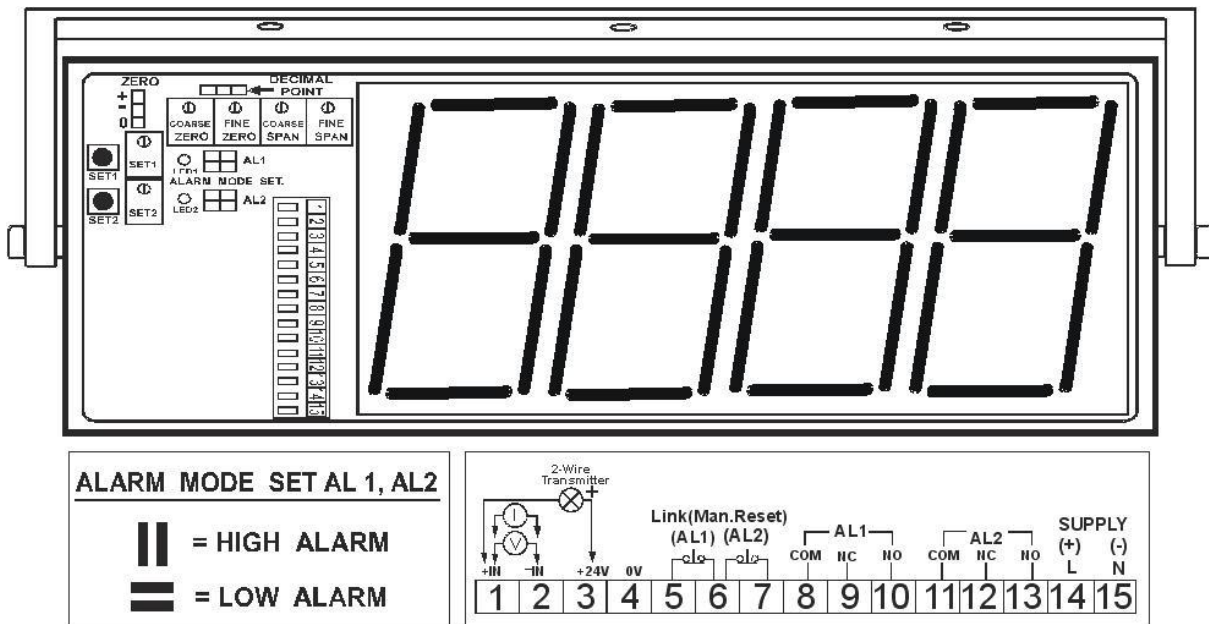
Dimension (Unit: mm.)



Wiring



Set Digital Display



Open the plastic cover and you will see as show in above picture

1. Simulate the Input signal at 0 % of Input Range adjust the "Zero" until the display show desired value (there is jumper for select adjust mode as rough or dedicated)
2. Simulate the Input signal at 100 % of Input Range adjust the "Span" until the display show desired value
3. Repeat 1 and 2 until getting desired value for min and max of range
4. There is jumper for setting decimal point

How to Set Alarm

1. Select Alarm Mode for High Alarm or Low Alarm by using jumper as shown in diagram
2. To set alarm set-point push "SET" button and hold then adjust volume which locate under set button until getting desired value ("SET1" is for setting Alarm AL1 "SET2" is for setting Alarm AL2)