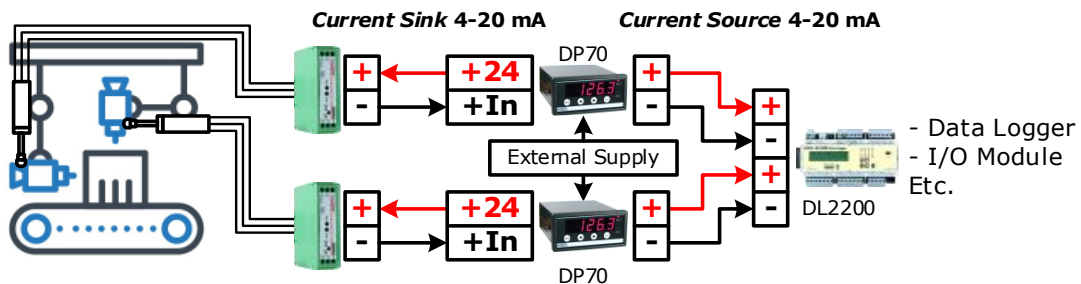


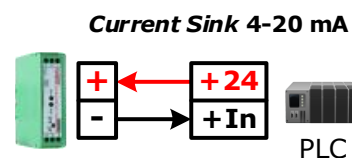
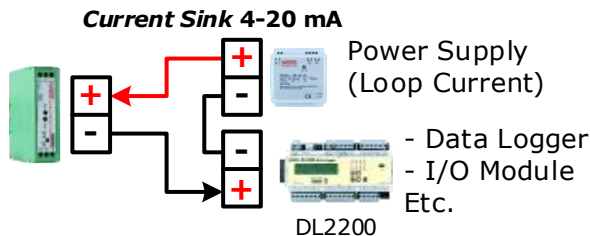
Potentiometer Transmitter PT37



- Wide Programmable Input Range
- Isolated Input to Output
- Compact DIN Rail Mount Enclosure
- High Accuracy
- Easy to Install



Convert signals from the potentiometer sensor to display drilling depth and record data.



Specifications

Potentiometer Input

Number of Channel: 1 Channel

Input Type: Potentiometer

Input Range: 100 Ω to 50 k Ω

Analog Output

Number of Channel: 1 Channel

Output Type: Current (2 Wire)

Output Range: 4 to 20mA

Loop Powered: 12 to 35 VDC

Linearity: < ± 0.2 % of span

Accuracy: < ± 0.2 % of span

Ambient Drift: < ± 0.02 % / $^{\circ}$ C of span

Output Impedance: Max. 600 Ω at 24 VDC (50 Ω /V above 12 VDC)

Current Limitation: < 26 mA

Isolation Voltage: 500 VAC input/output isolation (1min. test)

Environmental Limits

Operating Temperature: 0 to 55 $^{\circ}$ C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 $^{\circ}$ C

Physical Characteristics

Dimension: W22 $\times$ H80 $\times$ D85 mm.

Mounting: DIN or EN Rail

Warranty

Warranty Period: 5 Year

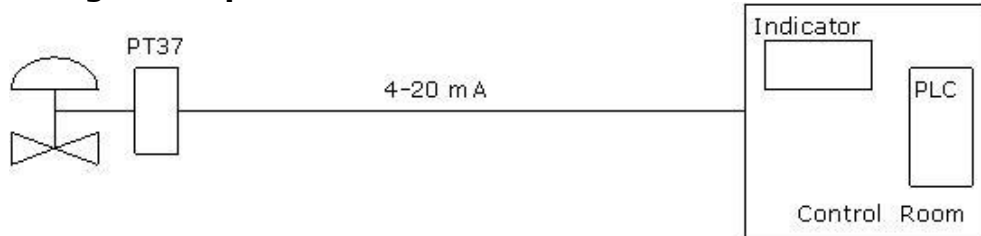
Ordering Information:

Example PT37

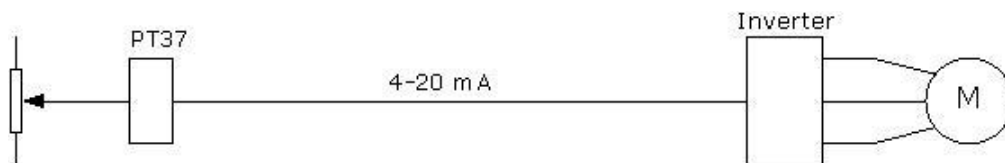
Package Checklist

1. PT37

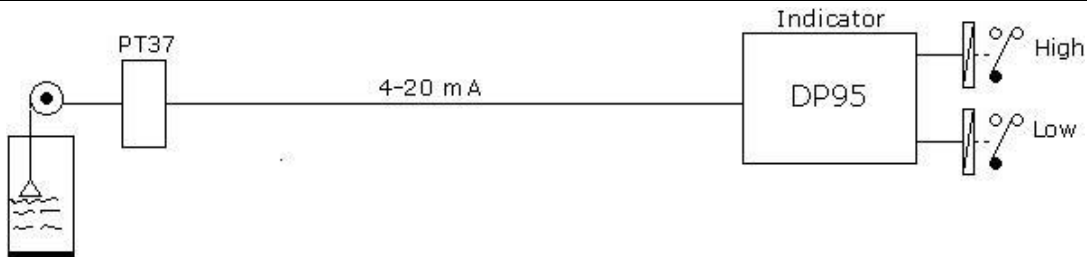
Module Usage Example



Receives the open/close position signal from the valve's potentiometer and converts it into a 4 - 20 mA signal.

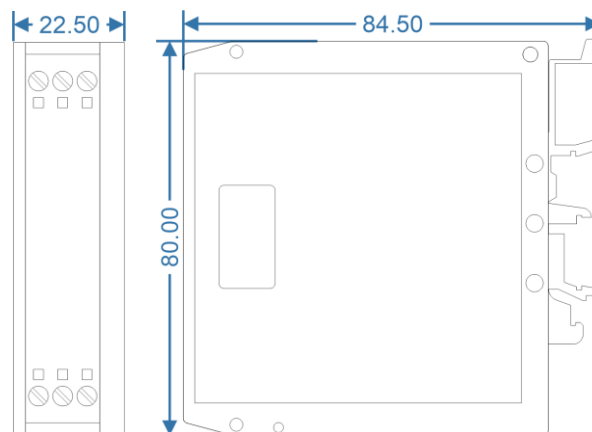


Used as a remote setpoint to control the inverter unit.



Used to display and control the liquid level in the tank.

Dimension (Unit: mm.)



Wiring

