

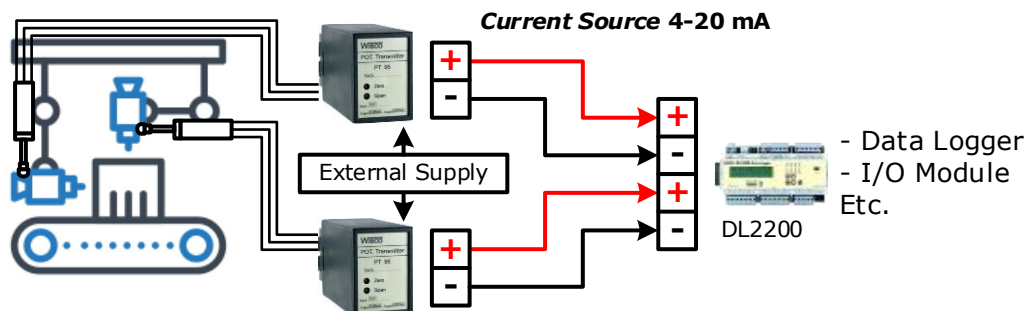
# Potentiometer Transmitter

## PT 95



- Output linear to pot. Position
- Provides pot. Excitation
- Isolation of input output and supply power
- Wide input range

**The Potentiometer Transmitter PT95** provides potentiometer excitation and produces a standard process output voltage or current linearly proportional to the position of the potentiometer wiper. The typical applications are position sensor, remote setpoint or indication of valve position.



### Specifications

#### Potentiometer Input

**Number of Channel:** 1 Channel

**Input Type:** Potentiometer

**Input Range:** 100  $\Omega$  thru 50 K $\Omega$

**Linearity:**  $< \pm 0.2\%$  of span

#### Analog Output

**Number of Channel:** 1 Channel

**Output Type:** Current, Voltage

**Output Range:**

Current (0 to 20, 4 to 20 mA)

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

**Span:** Adjustable 50-100 % of full scale output

**Zero:** Adjustable 0-50 % of the full scale output

**Isolation Voltage:** 500 VAC between input, output and power supply

### Power Requirements

**Power Supply:** 100, 110, 220 VAC (24 VDC Option)

### Environmental Limits

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

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

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

### Physical Characteristics

**Dimension:** W50 x H70 x D130 mm.

**Mounting:** Wall or DIN rail

**Connection:** Plug - in 11 pins socket

### Warranty

**Warranty Period:** 5 Year

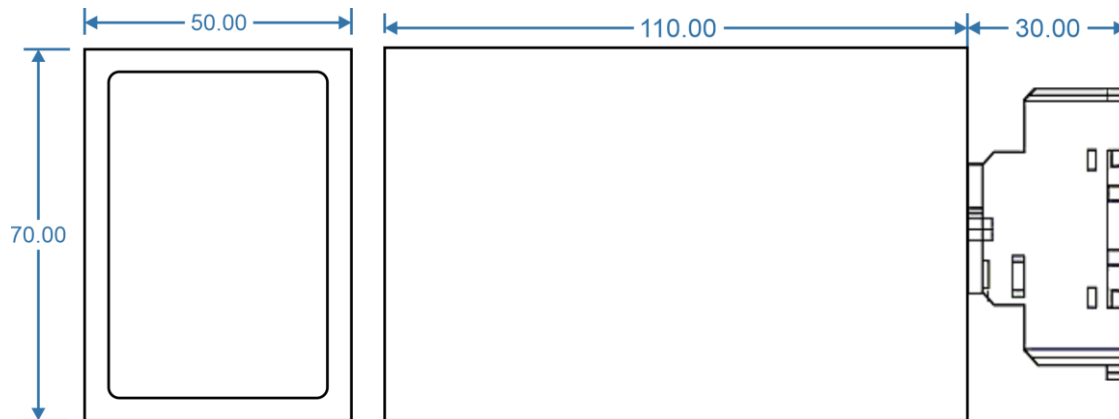
**Ordering Information:** Specify output, power supply

Example PT95/4-20 mA/220 VAC

**Package Checklist**

1. PT95

**Dimension** (Unit: mm.)



**Wiring**

