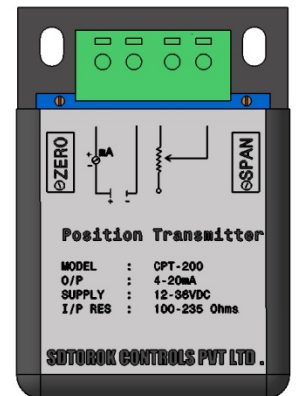
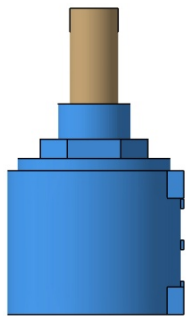
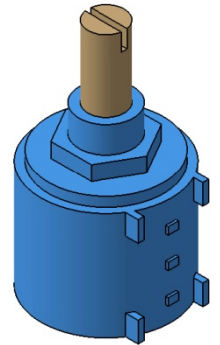
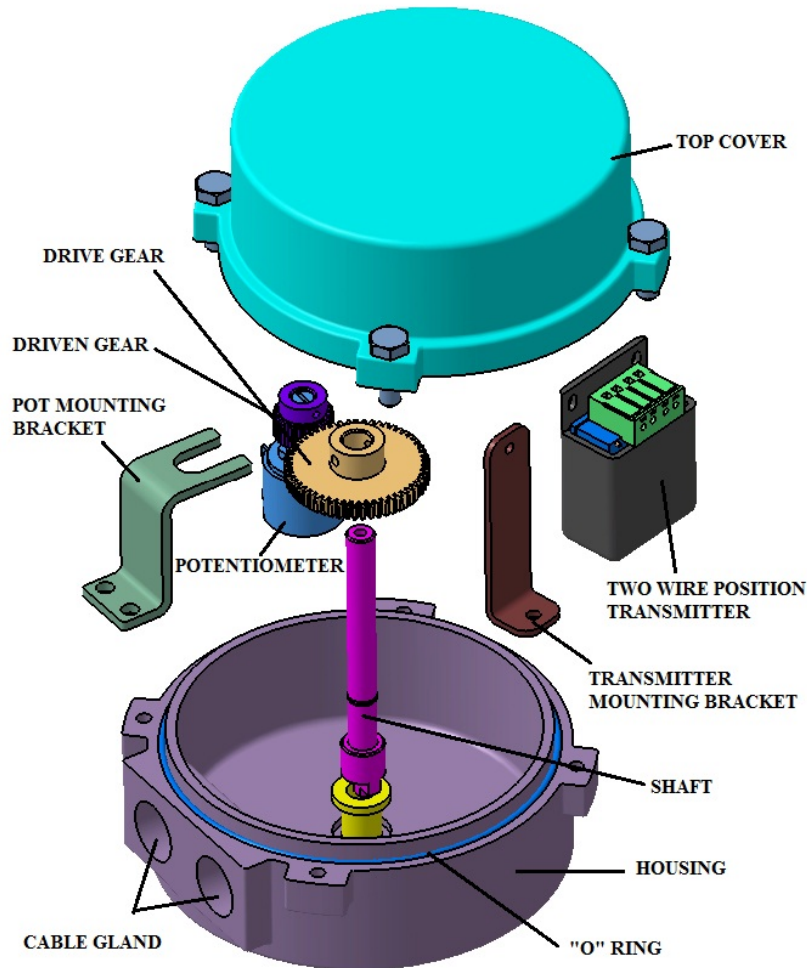
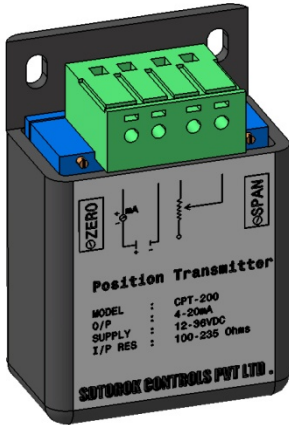


POSITION TRANSMITTER (CPT-200)



Sdtork Position Transmitter (Model CPT-200) is an Resistive Type Position Transmitter inbuilt with Multiturn Potentiometer & Electronic Transmitter unit, which can be mounted on Valve / Actuator for transmitting angular as well as Linear movements with proper linkages.

OPERATING PRINCIPLE:

Valve stem is connected to the Position Transmitter through a lever which converts the linear motion of valve travel into rotary motion. This rotary motion is used to rotate Potmeter. Potmeter resistance varies between 100-235 Ohms which is the input for Position Transmitter.

APPLICATION:

The Two Wire Position Transmitter Model CPT200 is an Electronic instrument to convert resistance input to current output. The change in resistance derived from the field mounted potentiometer is given as an input to this instrument through two wires. A supply of 12 to 36 VDC is connected to the output terminals of the instrument. As the input resistance varies the current signal of 4-20 mA is generated in the supply wires which can be read by connecting an ammeter in series with the supply wires as shown in the connection diagram. The Zero Span setting potentiometers are provided on these instruments by which accurate output values of 4 to 20 mA can be achieved.

FEATURES:

- Two Wire Transmitter
- Uses state of art analog technology
- Accepts wide supply voltage variations
- Epoxy Potting ensures excellent – protection against dust, moisture etc.
- Customer setting – SPAN, ZERO – easily accessible

Note: SPAN and ZERO are interdependent

TECHNICAL SPECIFICATIONS:

- Supply Voltage : 12 to 36 VDC
- Input : 100 to 235 Ohms
- Standard supply. Other values available on demand (only two wires of potmeter to be used as input)
- Output : 2 to 20 mA DC
- Customer : Zero : 4 mA
Span : 20 mA
- Linearity : $\pm 1\%$

[Special Note : We can offer Position transmitter with RVDT also, please consult SDTORK for that. Options of Limit Switches for Feedback of End position is also available.]