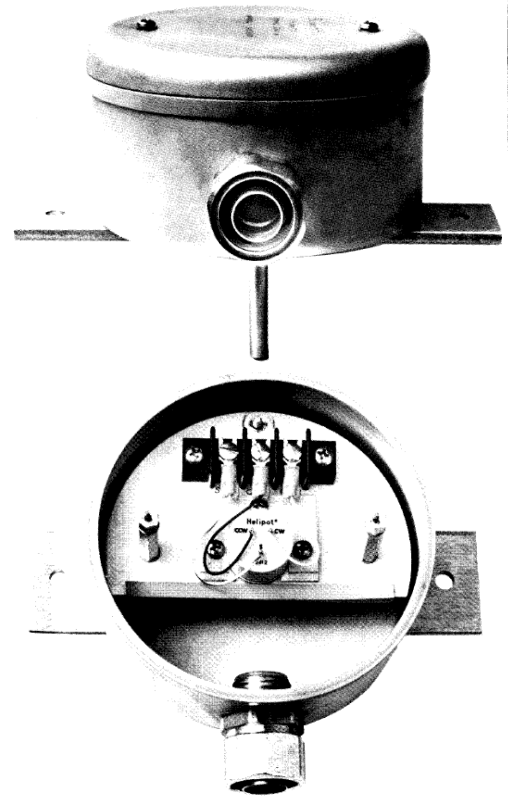


## CMCP-VALVE Rotary Potentiometer Valve Position Transducer

### Description:

The working component of the CMCP-VALVE valve position transmitter is a precision long-life rotary potentiometer. Attached to the end of the steam valve control shaft on a large steam turbine, the Valve Position Transducer provides a voltage proportional to the valve's position.

The Valve Position Transducer is directly compatible with the CMCP-549 Valve Position Transmitter, which provides excitation voltage and outputs a 4-20 mA analog signal proportionate to the percentage of valve opening.



### Specifications:

Resistance	0 to 5,000Ω Over 345°
Maximum Input Voltage	400 VDC
Power Rating	1.0 Watt at 70°C, Derating to 0 at 125°C
Linearity	+/-0.5% of F.S.
Usable Rotation	335°
Output Smoothness	0.1%
Temperature Coefficient	+/- 100ppm/°C
Rotational Life Expectancy	25 Million Revolutions
Operating Temperature Range	-65° to +125° C (-85° to +260°F)
Vibration Range	15 G's Continuous (10 to 500 Hz), 100 G's Shock

### Ordering Information:

CMCP-VALVE	Valve Position Potentiometer
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