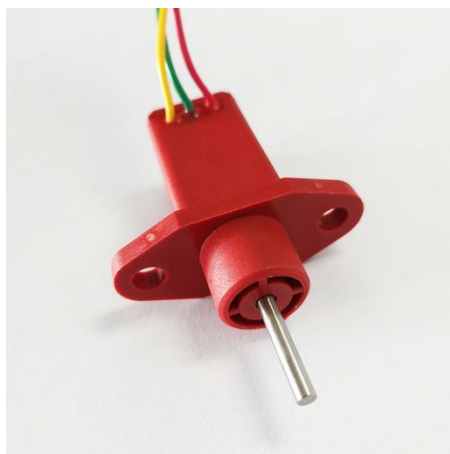


Conductive Polymer Potentiometer

Linear Motion Potentiometer

- 10mm linear travel
- Flange mounting
- High performance
- Cost effective solution
- RoHS compliant



Conductive polymer potentiometer with 10mm linear effective travel for automotive and industrial applications.

Electrical Data

Resistance value options	5K Ohm
Selection tolerance	$\pm 20\%$
Independent linearity	$\pm 2\%$ typical
Output signal temperature coefficient	<25 ppm / $^{\circ}\text{C}$ max
Microgradient in output range 4% to 96%	0.5% over a 2 deg window
Isolation voltage	500V a.c. r.m.s.
Operating temperature	-40°C to $+130^{\circ}\text{C}$
Hysteresis	$<0.3\%$
Effective travel	10mm ± 0.5 mm
Mechanical travel	12.5mm maximum
Endurance	3×10^6 cycles
Operational force (return spring)	750 grams
Wiring definition	Yellow :+/- Greed:-/+ Red: output

