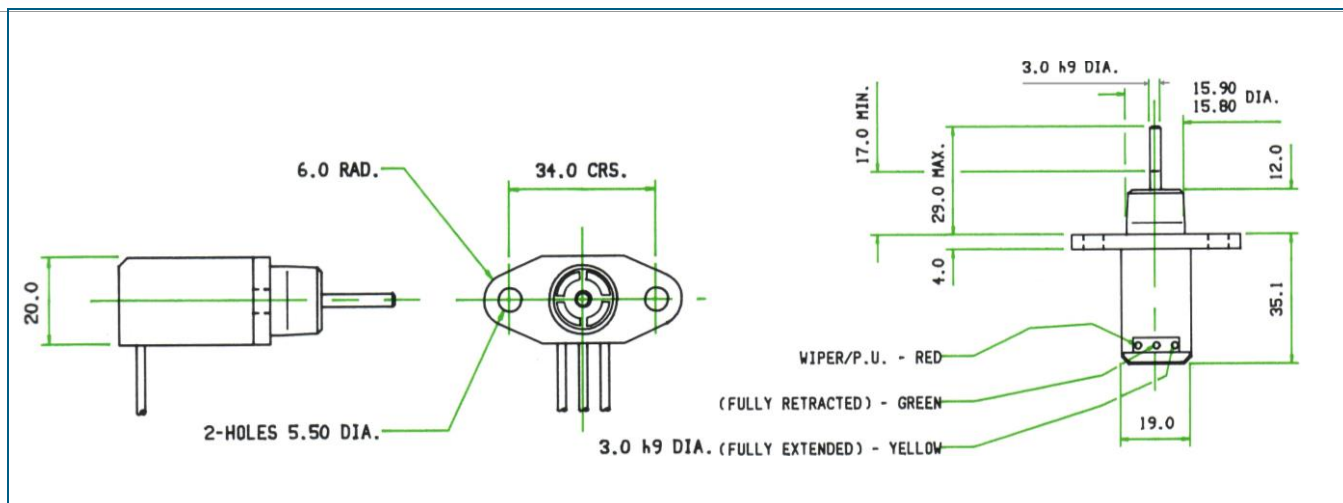


# Conductive Polymer Potentiometer

## Series LM10 Linear Motion Potentiometer

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



### Technical data

Resistance value options	1K, 5K and 10K Ohms	Microgradient in output range 4% to 96%	0.5% over a 2 deg window
Selection tolerance	+/- 20%	Isolation voltage	500V a.c. r.m.s.
Independent linearity	+/- 2.0% typical	Operating temperature	-40°C to +130°C
Output signal temperature coefficient	<25 ppm / °C max	Hysteresis	<0.3%
Effective travel	10mm +/- 0.5mm	Mechanical travel	12.5mm maximum
Endurance	3x10 <sup>6</sup> cycles	Operational force (return spring)	750 grams

Conductive polymer potentiometer with 10mm linear effective travel for automotive and industrial applications. Connection via flying leads colour coded as detailed below, 200 mm in length. Standard spindle is 3mm diameter with a length of 29mm from fixing-face., but other lengths are available upon request