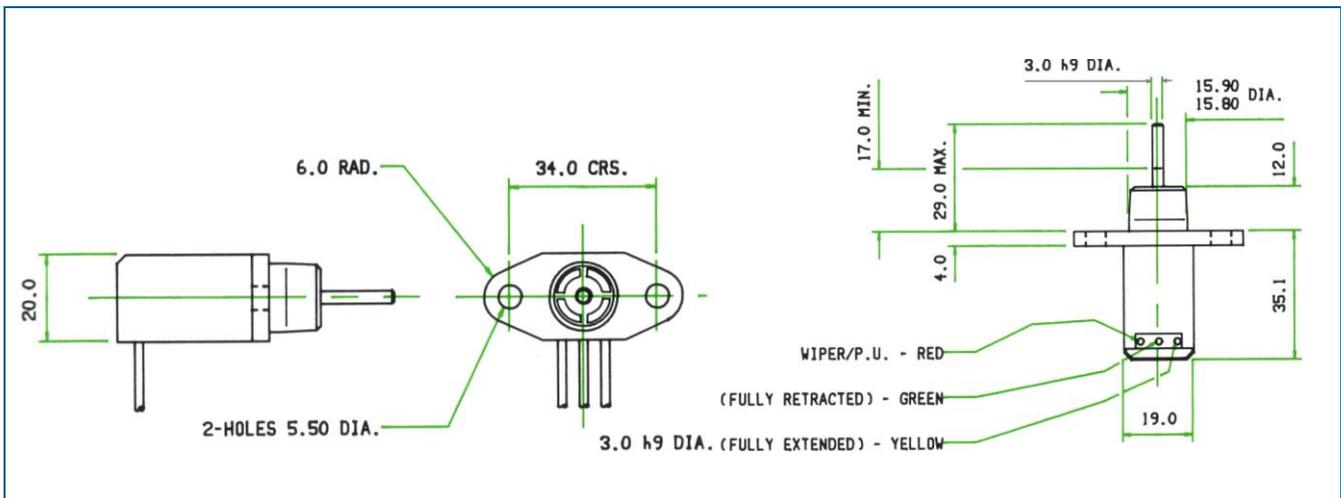
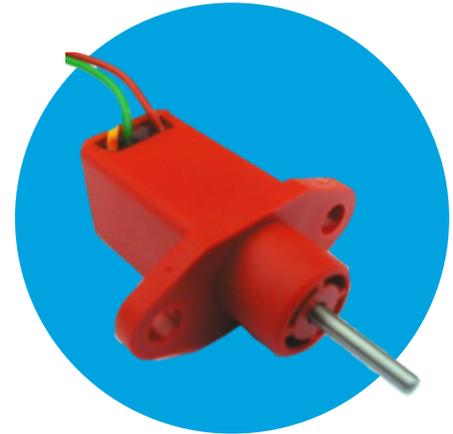


# Conductive Polymer

## Series LM10 Linear Motion Potentiometer

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



### Technical data

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