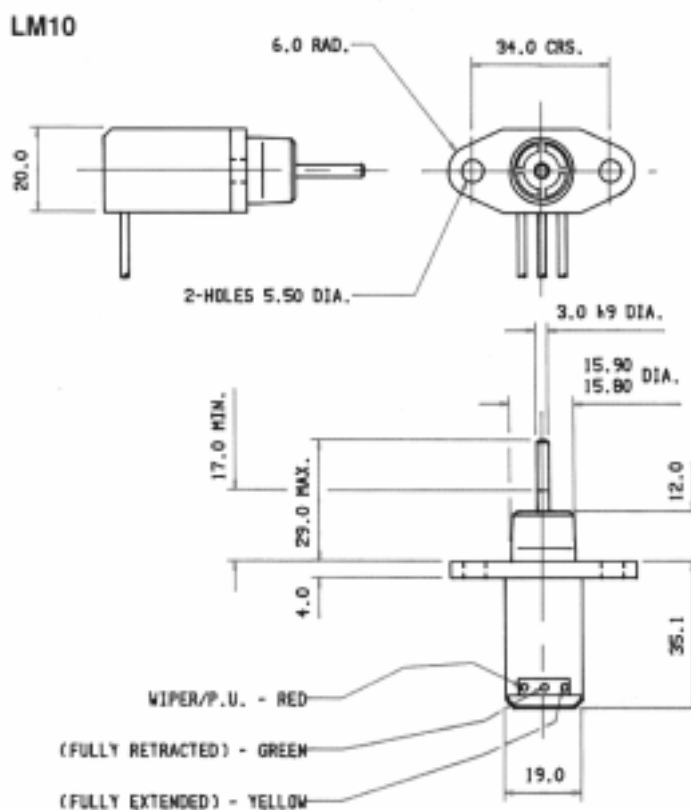
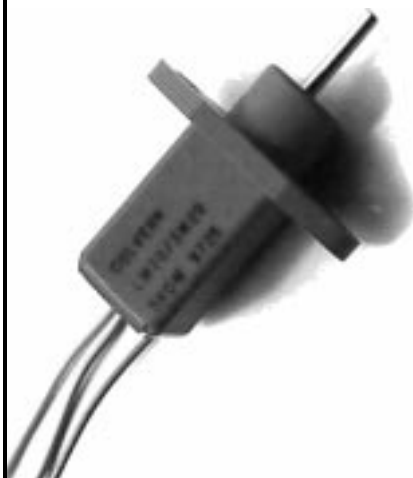


## LM10 Linear Motion / Position Sensor



Resistance Value Options	1K, 5K, and 10K
Tolerance	+/- 20%
Independent Linearity	+/- 2%
Output Signal Temp Coeff.	<25 ppm / °C max.
Output Smoothness	1.0%
Operating Temperature	-40 °C to + 130 °C
Isolation Voltage	500 V a.c. r.m.s.
Hysteresis	<0.3%
Effective Travel	10mm +/- 0.5mm
Mechanical Travel	12.5mm max.
Operational Force	200-750g All potentiometers are fitted with a return spring
Endurance	3 X 10 <sup>6</sup> cycles