

The Peaktronics POT-102 is an industrial grade potentiometer intended for use as a position feedback potentiometer in actuators of all types. The POT-102 can be used with many Peaktronics mounting kits and is suitable for use with any Peaktronics motor controller (for AC or DC electric actuators) or solenoid controller (for pneumatic actuators).

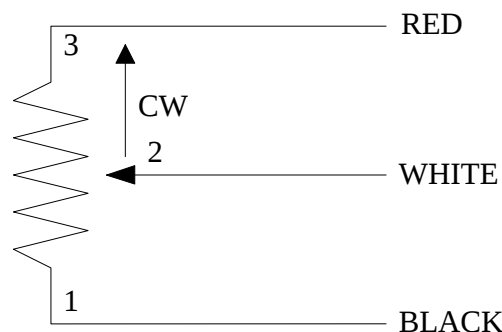
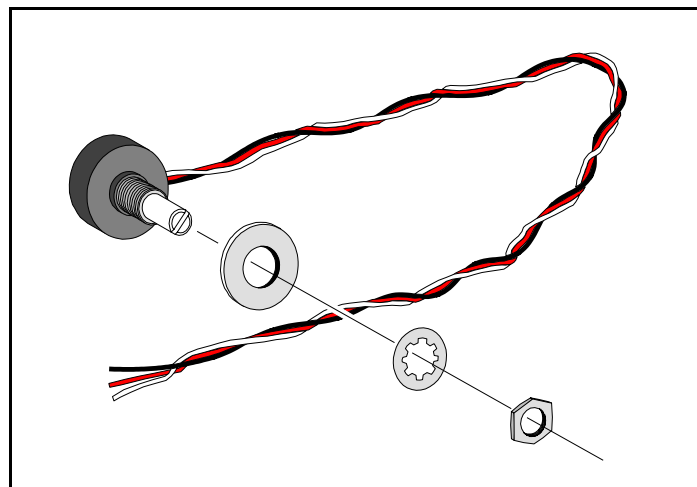
The POT-102 is a 360° continuous rotating potentiometer that has a usable electrical angle of 340° ±5°. The stainless steel shaft and precious metal multi-finger wiper contact provides durability and reliability in actuator applications. The unit comes with 18" of 22 AWG wire connections and the necessary mounting hardware to attach to brackets up to 0.100" thick.

SPECIFICATIONS

Resistance @ 20°C	1K ohms ±20%
Linearity	±2% max
Power Rating	1W @ 70°C (0W @ 105°C)
Operating Temperature	-40 °C to 105 °C
Insulation Resistance	1000M ohms min @ 500 VDC
Dielectric Strength	500V RMS for 1 minute
Life Cycles	5,000,000 min

POT-102

1K Feedback Potentiometer, 1 turn



ELECTRICAL DIAGRAM

