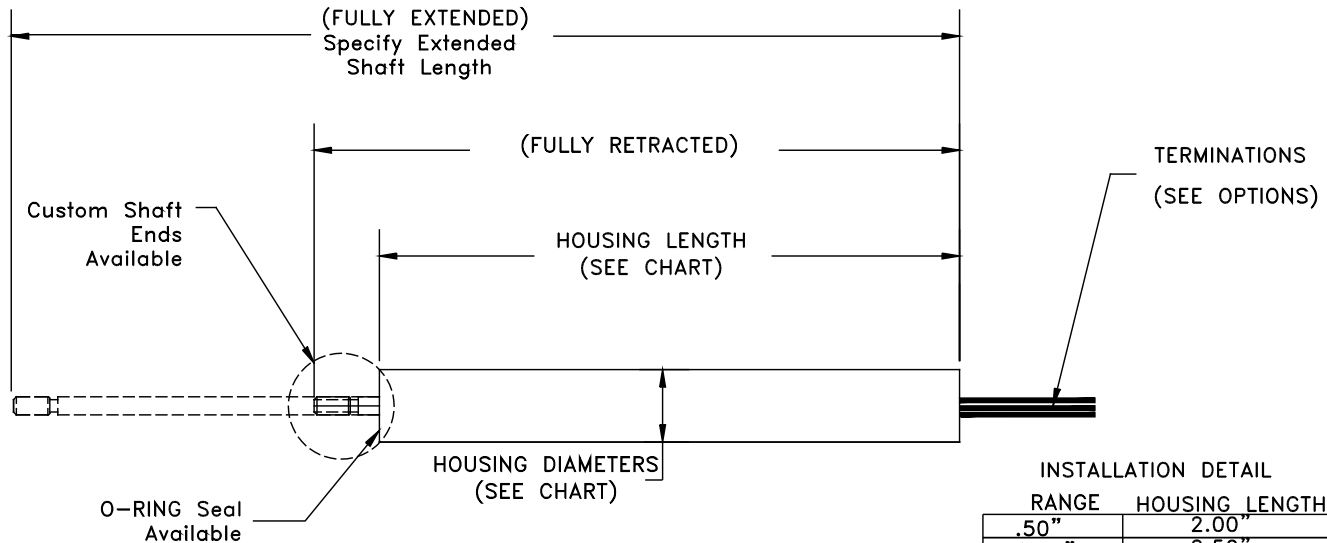


SERIES 8000 – LINEAR – CONDUCTIVE PLASTIC



STANDARD SHAFT DIAMETERS – ϕ .125, ϕ .250
 STANDARD HOUSING DIAMETERS – ϕ .500, ϕ .750

INSTALLATION DETAIL

RANGE	HOUSING LENGTH
.50"	2.00"
1.00"	2.50"
2.00"	3.50"
3.00"	4.50"
4.00"	5.50"
5.00"	6.50"
6.00"	7.50"

SPECIFICATIONS

MECHANICAL
 MECHANICAL LENGTH: SEE CHART

ELECTRICAL
 STANDARD RESISTANCE: 1K, 2K, 5K, 10K, 20K, 50K, 100K
 ELECTRICAL RANGE: SEE CHART
 LINEARITY: 5% DOWN TO .2% (INDEPENDENT)
 (DEPEDANT ON ANGLE AND RESISTANCE)
 OUTPUT SMOOTHNESS: 0.25%
 POWER RATING: 1.2 WATTS NOMINAL
 INSULATION RESISTANCE: 50 MEGOHMS @ 500 VDC
 DIELECTRIC STRENGTH: 750 VRMS

MATERIALS
 ANODIZED ALUMINUM HOUSING
 STAINLESS STEEL SHAFT
 CONTACTS: MULTI FINGER PRECIOUS METAL
 ELEMENTS: WIREWOUND

ENVIRONMENTAL
 TEMPERATURE: -65° C TO $+125^{\circ}$ C
 LIFE: THE OPERATIONAL LIFE OF THE POTENTIOMETER
 SHALL BE 10 X 10E6 CYCLES.

OPTIONAL FEATURES
 TERMINATIONS:
 LEAD WIRES
 CABLE
 CONNECTORS
 ENVIRONMENTAL SEALS
 ABSOLUTE LINEARITY
 MOUNTING HARDWARE
 DUAL ELEMENTS
 SPRING LOADED

