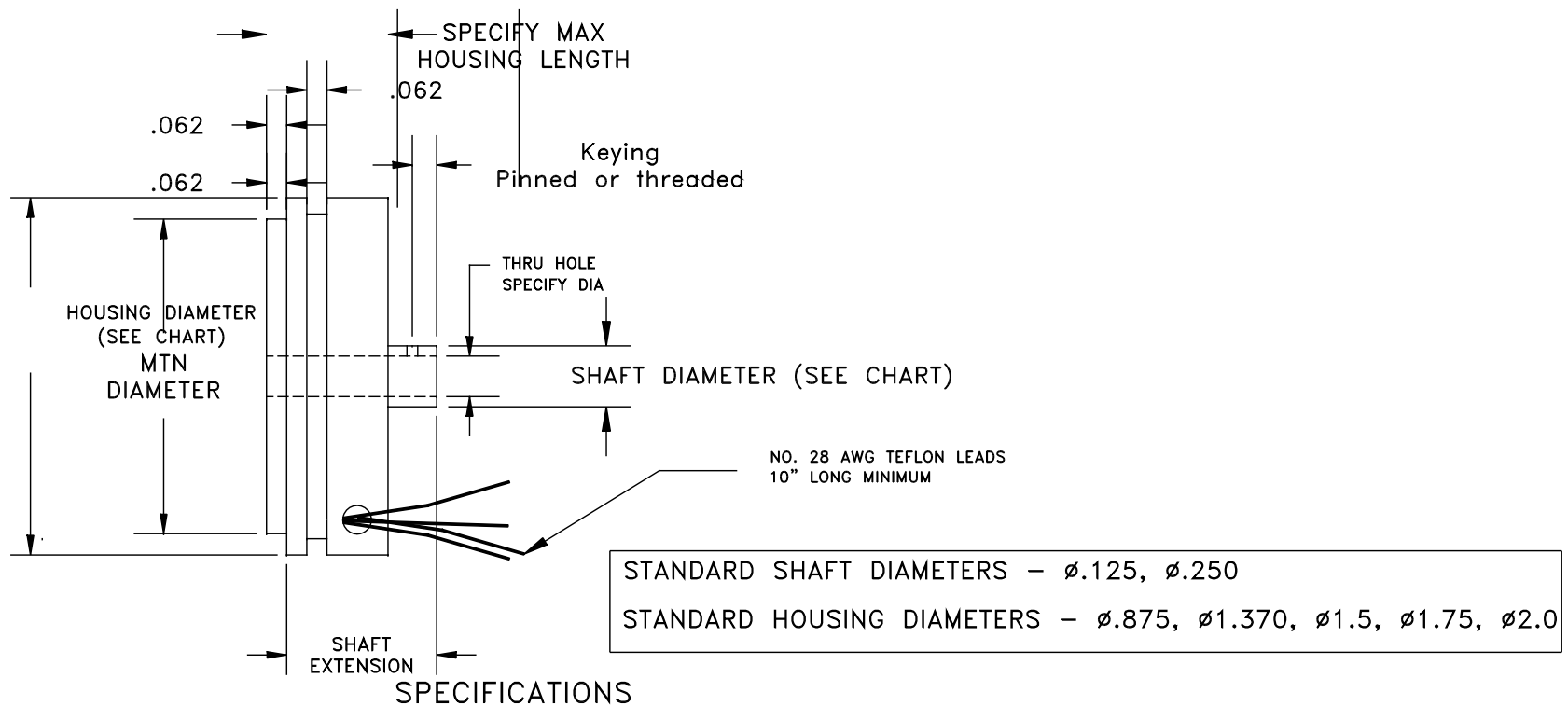


SERIES 8001 – HOLLOW SHAFT – CONDUCTIVE PLASTIC



MECHANICAL

MECHANICAL ANGLE: 360° CONTINUOUS
STOP AVAILABLE FROM 70°

ELECTRICAL

STANDARD RESISTANCE: 1K, 2K, 5K, 10K, 20K, 50K, 100K
ELECTRICAL ANGLE: $\pm 55^\circ$ to 350°
LINEARITY: 1% DOWN TO .2% (INDEPENDENT)
(DEPENDANT 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: CONDUCTIVE PLASTIC

ENVIRONMENTAL

TEMPERATURE: -65° C TO $+125^\circ$ C
LIFE: THE OPERATIONAL LIFE OF THE POTENTIOMETER
SHALL BE 10×10^6 CYCLES.

OPTIONAL FEATURES

TERMINATIONS:
LEAD WIRES
CABLE

ENVIRONMENTAL SEALS
ABSOLUTE LINEARITY
CENTER TAP: AVAILABLE

