

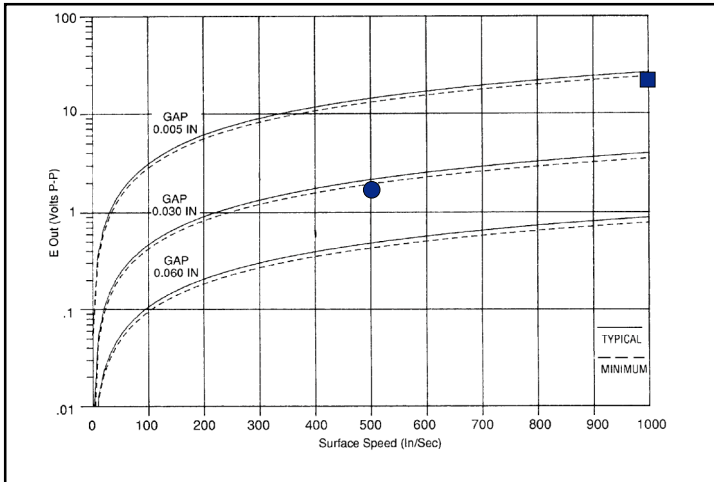
# Passive Speed Sensors

3/8 – 24 FAMILY

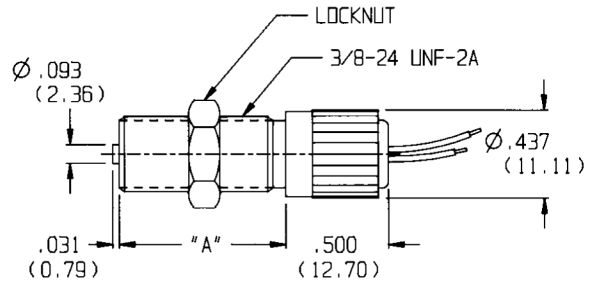
## General Purpose – High Temperature

Ordering Part #	Thread Length (A)
70085-1010-041	.812 (20.62)
70085-1010-428	1.500 (38.10)
70085-1010-458	3.500 (88.90)

### Performance Curves



Based on 20 D.P. Gear



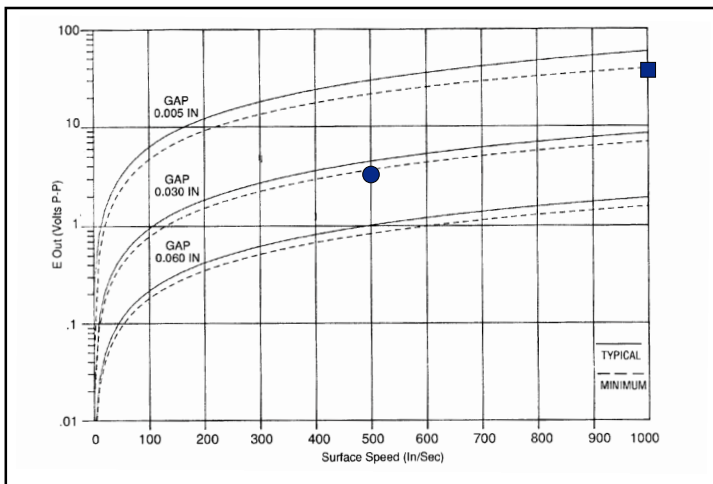
### Specifications:

- Output Voltage (Standard): 24 V (P-P)
- Output Voltage (Guarantee Point): 2.0 V (P-P)
- DC Resistance: 110 ohms max.
- Typical Inductance: 21 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -73 to +232°C
- Lead Length: 40 in (1 m)
- Net Weight: 2 oz. max.

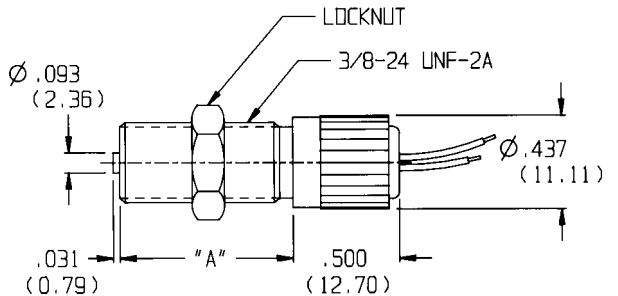
## High Sensitivity - High Temperature

Ordering Part #	Thread Length (A)
70085-1010-174	.812 (20.62)

### Performance Curves



Based on 20 D.P. Gear



### Specifications:

- Output Voltage (Standard): 55 V (P-P)
- Output Voltage (Guarantee Point): 3.6V (P-P)
- DC Resistance: 700 ohms max.
- Typical Inductance: 125 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -65 to +220°C
- Cable Length: 60 in (1.5 m)
- Net Weight: 2 oz. max.

AI-Tek Instruments, Cheshire, CT USA

### Dimensions in inches and (mm).