

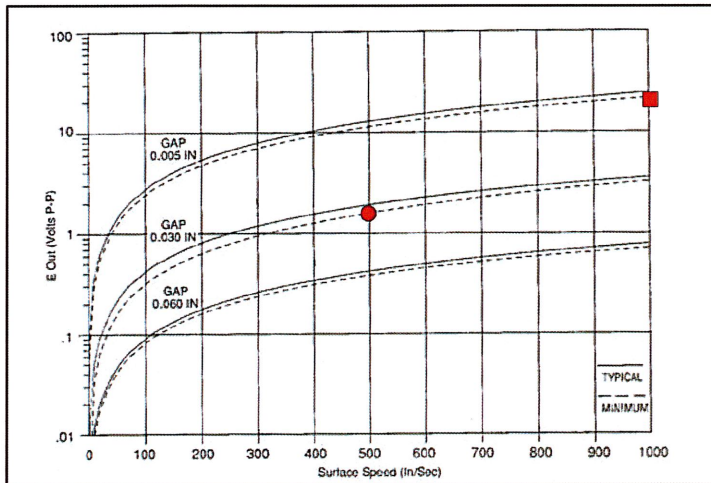
Passive Speed Sensors

3/8 - 24 FAMILY

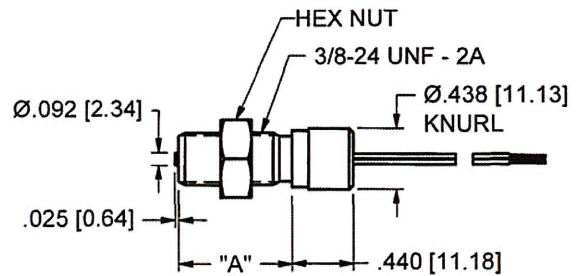
General Purpose

Ordering Part #	Thread Length (A)
70085-1010-007	.810 (20.62)
70085-1010-056	3.631 (92.08)

Performance Curves



Based on 20 D.P. Gear



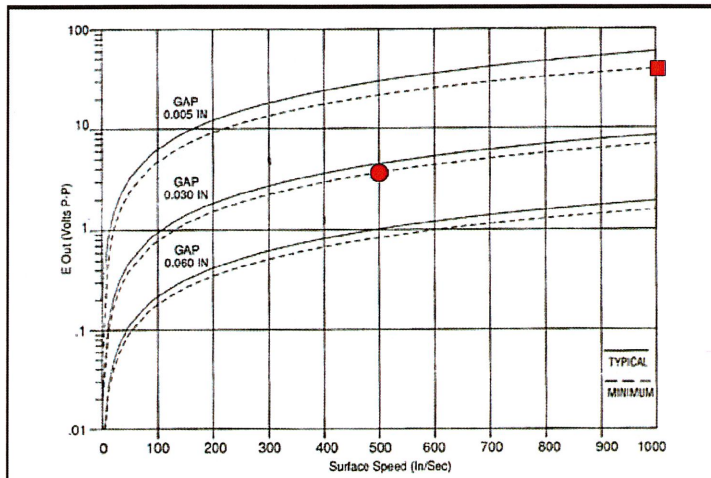
Specifications:

- Output Voltage (Standard): 21 V (P-P)
- Output Voltage (Guarantee Point): 1.6 V (P-P)
- DC Resistance: 90 -125 ohms
- Typical Inductance: 22 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -55 to +107°C
- Lead Length: 6 in min
- Net Weight: 2 oz. max.

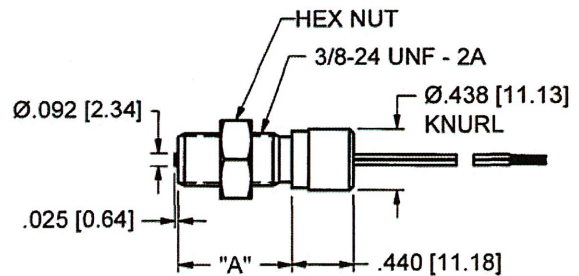
High Sensitivity

Ordering Part #	Thread Length (A)
70085-1010-086	.812 (20.62)
70085-1010-355	.805 (20.62)

Performance Curves



Based on 20 D.P. Gear



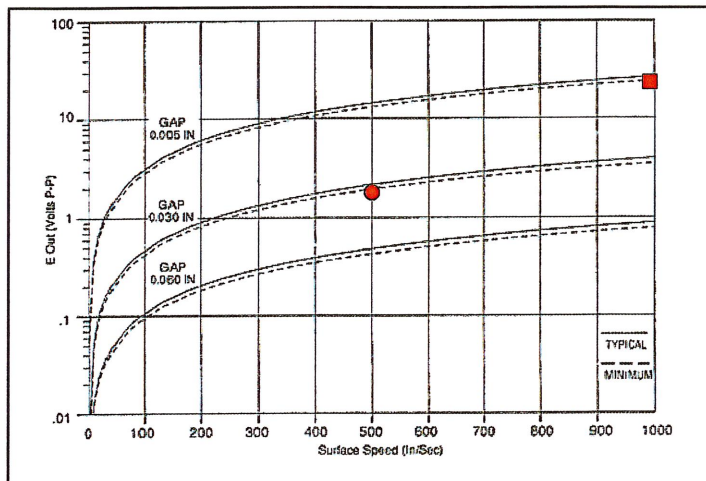
Specifications:

- Output Voltage (Standard): 55 V (P-P)
- Output Voltage (Guarantee Point): 3.6V (P-P)
- DC Resistance: 640-960 ohms
- Typical Inductance: 125 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -55 to +107°C
- Lead Length: -086, 18 in min
- Cable Length: -355, 40 in min
- Net Weight: 2 oz. max.

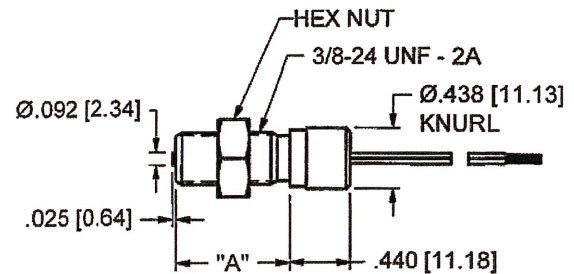
General Purpose - High Temperature

Ordering Part #	Thread Length (A)
70085-1010-041	.812 (20.62)
70085-1010-428	1.500 (38.10)
70085-1010-458	3.625 (92.08)

Performance Curves



Based on 20 D.P. Gear



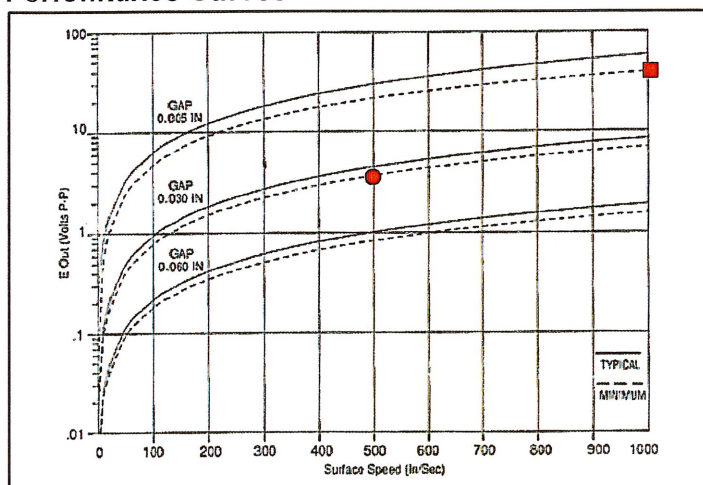
Specifications:

- Output Voltage (Standard): 24 V (P-P)
- Output Voltage (Guarantee Point): 2.0 V (P-P)
- DC Resistance: 125 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.

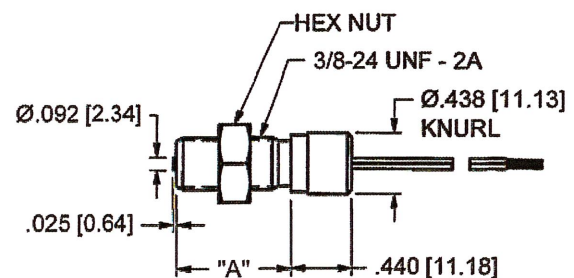
High Sensitivity - High Temperature

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: 705 ohms max.
- Typical Inductance: 150 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.

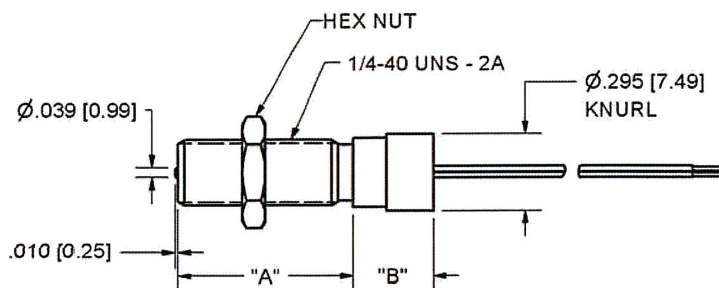
Dimensions in inches and (mm).

Passive Speed Sensors

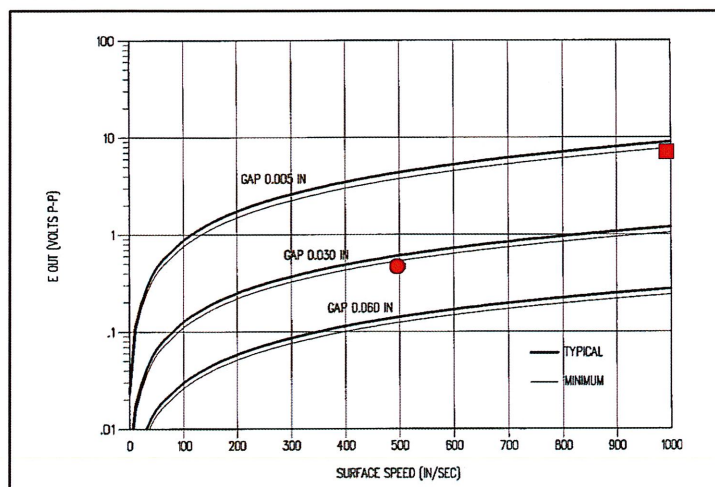
1/4 - 40 FAMILY

General Purpose - High Temperature

Ordering Part #	Thread Length (A)	(B)
70085-1010-024	.687 (17.45)	.313 (7.95)
70085-1010-472 *	.687 (17.45)	.500 (12.70)
70085-1010-227	1.687 (42.85)	.313 (7.95)



Performance Curves



B based on 20 D.P. Gear

Specifications:

- Output Voltage (Standard): 6.8 V (P-P)
- Output Voltage (Guarantee Point): 0.4 V (P-P)
- DC Resistance: 125 ohms max.
- Typical Inductance: 5-12 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -73 to 232°C
- Lead Length: 8 in (20.3 cm)
- Cable Length: -472, 60 in (1.5 m) *
- Net Weight: 2 oz. max.

* Egress is a 2-conductor, AWG #26, shielded, Teflon cable, with 3" long shrink tubing over housing and cable for extra protection. Extra locknut provided.

Dimensions in inches and (mm).