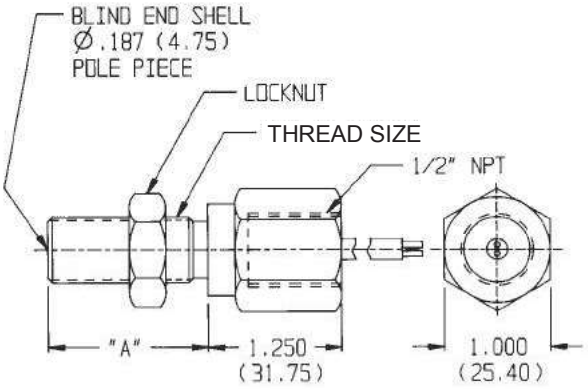
Passive Speed Sensors

LISTED PRODUCT

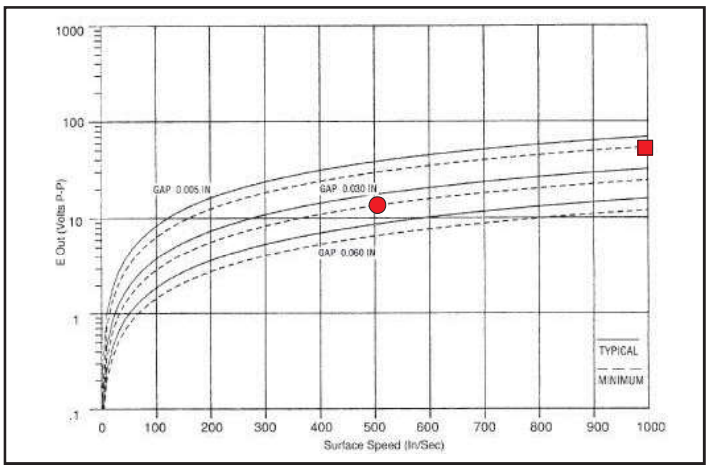
FM / ATEX Sensors

Ordering Part #	Thread Length (A)		Thread Size (B)
70085-1010-404	1.500	(38.10)	5/8-18 UNF-2A
70085-1010-544	1.875	(47.63)	5/8-18 UNF-2A
70085-1010-406	2.750	(69.85)	5/8-18 UNF-2A
70085-1010-417	4.000	(101.60)	5/8-18 UNF-2A
70085-1010-420	6.000	(152.40)	5/8-18 UNF-2A
70085-1010-541	1.875	(47.63)	3/4-20 UNEF-2A
70085-1010-542	2.750	(69.85)	3/4-20 UNEF-2A
70085-1010-540	4.000	(101.60)	3/4-20 UNEF-2A
70085-1010-543	6.000	(152.40)	3/4-20 UNEF-2A

Rating: FM listed Intrinsically Safe, Class I, Division 1, Groups A, B, C, D; ATEX Group II, Category 3G, Zone 2 .



Performance Curves



Based on 8 D.P. Gear

Specifications:

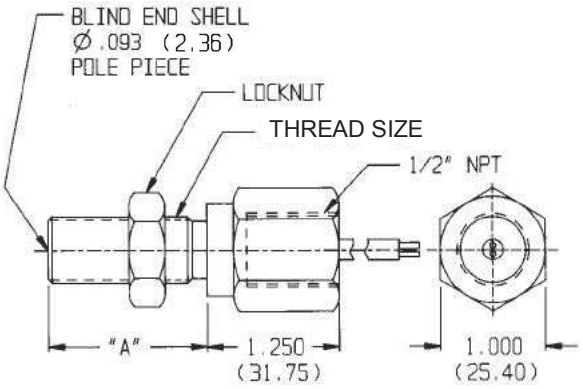
- Output Voltage (Standard): 60V (P-P)
- Output Voltage (Guarantee Point): 13.4V (P-P)

DC Resistance: 210 ohms max.
Typical Inductance: 75 mH max.
Output Polarity: White lead positive
Operating Temperature: -20 to +220°C
Cable Length: 15 ft. (4.57m)
Net Weight: 16 oz. max.

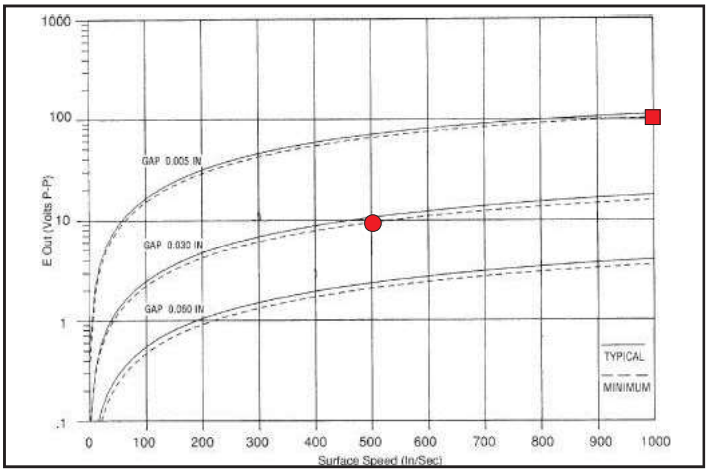
FM / ATEX Sensors

Ordering Part #	Thread Length (A)		Thread Size (B)
70085-1010-403	1.500	(38.10)	5/8-18 UNF-2A
70085-1010-415	4.000	(101.60)	5/8-18 UNF-2A
70085-1010-416	6.000	(152.40)	5/8-18 UNF-2A
70085-1010-405	2.750	(69.85)	3/4-20 UNEF-2A

Rating: FM listed Intrinsically Safe, Class I, Division 1, Groups A, B, C, D; ATEX Group II, Category 3G, Zone 2 .



Performance Curves



Based on 20 D.P. Gear

Specifications:

- Output Voltage (Standard): 90 V (P-P)
- Output Voltage (Guarantee Point): 9.4 V (P-P)

DC Resistance: 660 ohms max.
Typical Inductance: 210 mH max.
Output Polarity: White lead positive
Operating Temperature: -55 to +220° C
*Mounting Thread: -0405, 3/4 - 20 UNEF-2A
Cable Length: 15 ft (4.57 m)
Net Weight: 16 oz. max.

Dimensions in inches and (mm).

AI-Tek Instruments, Cheshire, CT USA