

IEC EX Sensors

Ordering Part #	Thread Length (A)	Thread Size (B)	Cable Length (C)	Conduit Thread
70085-3030-111	1.500 (38.10)	5/8-18 UNF-2A	3 m	1/2 NPT
70085-3030-112	2.750 (68.85)	5/8-18 UNF-2A	3 m	1/2 NPT
70085-3030-113	4.000 (101.6)	5/8-18 UNF-2A	3 m	1/2 NPT
70085-3030-114	6.000 (152.4)	5/8-18 UNF-2A	3 m	1/2 NPT
70085-3030-211	1.500 (38.10)	5/8-18 UNF-2A	10 m	1/2 NPT
70085-3030-212	2.750 (68.85)	5/8-18 UNF-2A	10 m	1/2 NPT
70085-3030-213	4.000 (101.6)	5/8-18 UNF-2A	10 m	1/2 NPT
70085-3030-214	6.000 (152.4)	5/8-18 UNF-2A	10 m	1/2 NPT
70085-3030-222	2.750 (68.85)	3/4-20 UNEF-2A	10 m	1/2 NPT
70085-3030-235	1.575 (40.00)	M16 x 1.5 6g	10 m	G 1/2
70085-3030-237	3.937 (100.0)	M16 x 1.5 6g	10 m	G 1/2

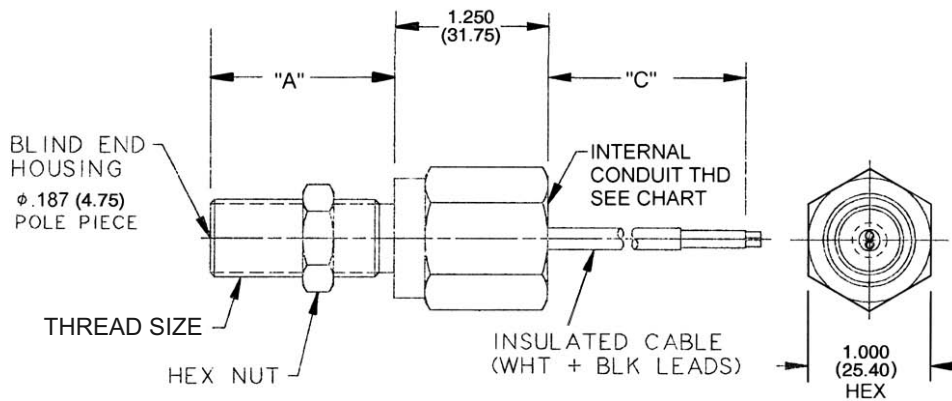


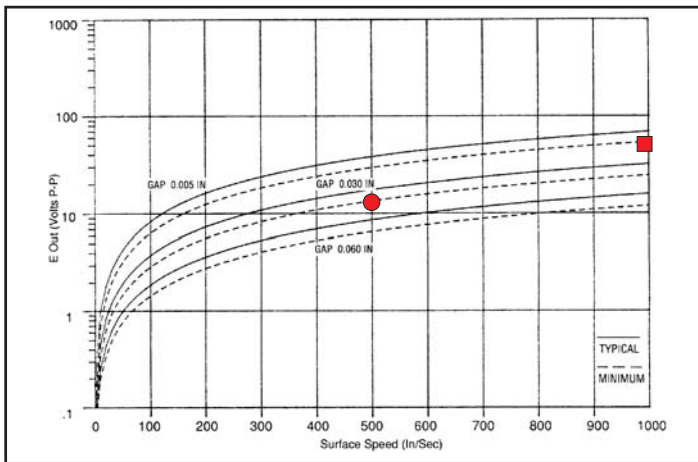
Figure 1: Dimension Drawing

Rating: ATEX and IEC Ex Equip Group II, Category 2G, Gas Group IIC, Zone 1

Sensor must be used with MTL 7764ac intrinsic barrier

User must install sensor in such a manner as to limit the output voltage to less than 12V Pk-Pk and a total energy of less than 26 microjoules

Performance Curves



Based on 8 D.P. Gear

Available in a range of inch and metric thread lengths and sizes and cable lengths of 3 or 10 meters. Consult factory for additional details.

Specifications:

- Output Voltage (Standard): 54 V (P-P)
- Output Voltage (Guarantee Point): 13.4 V (P-P)
- DC Resistance: 240 ohms max.
- Typical Inductance: 30 mH ref.
- Output Polarity: White lead positive
- Operating Temperature: -65 to 100°C
- Net Weight: 14 oz. max.

ALCYON
ÉLECTRONIQUE

RD 11 – BP20 – 78650 Beynes – France

Tel : +33 (0) 134 947 700

info@alcyonelectronique.fr

Fax : +33 (0) 134 875 340

www.alcyonelectronique.fr