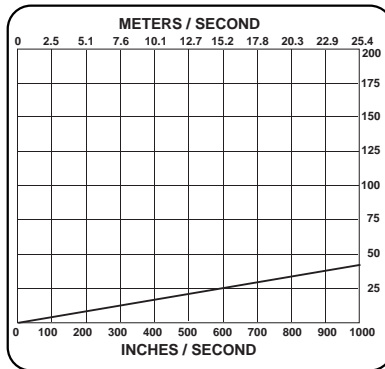




# 5/8 M16\* 3010 SERIES GENERAL PURPOSE VRS SENSORS



V P/P

FOR GENERAL SPEED SENSING APPLICATIONS WHERE THE OVERALL SIZE OF THE SENSOR IS NOT CRITICAL.  
BEST FOR MEDIUM TO HIGH SPEEDS OR ELECTRICALLY NOISY ENVIRONMENTS  
WITH RELATIVELY SMALL AIR GAPS.

OPTIMUM ACTUATOR: 20 DP (Module 1.27) Ferrous Metal Gear

TEST CONDITION: A **VRS Tech Data**

## GENERAL SPECIFICATIONS

OUTPUT VOLTAGE: 40V P-P min.  
COIL RESISTANCE: 45 to 85 OHMS  
POLE PIECE DIA.: .106" (2.69mm)

MIN. SURFACE SPEED: 20 IPS (.50 m/Sec.) Typical

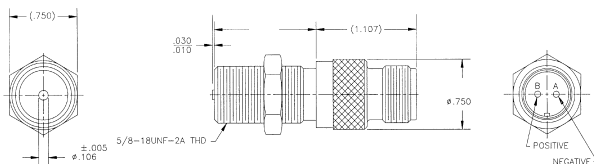
VIBRATION: Meets Mil-Std 202F Method 204D

OPER. TEMP. RANGE: -67 to 250F (-55 to 120C)

INDUCTANCE: 25 mH max.

GEAR PITCH RANGE: 24 DP (Module 1.06) or Coarser

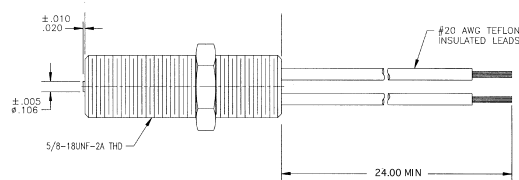
MAX. OPER. FREQ.: 50KHz Typical



SENSORS WITH 5/8-18 UNF-2A MOUNTING THREAD\*,  
MS3106 CONNECTOR

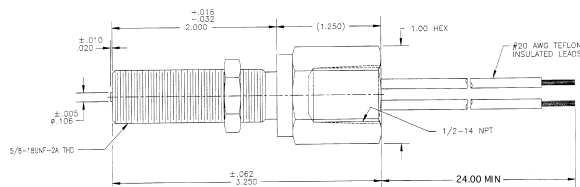
MODEL	THREAD LENGTH	WEIGHT
3010AN	1.1" (28 mm)	2.5 oz. (70 gr.)
3010AN25	2.5" (63 mm)	3.0 oz. (84 gr.)
3010AN30	3.0" (76 mm)	3.0 oz. (84 gr.)
3010AN40	4.0" (101 mm)	3.5 oz. (98 gr.)
3010AN50	5.0" (127 mm)	4.5 oz. (128 gr.)

Mates with 41010(VR) Connector or CA210 Cable Assembly



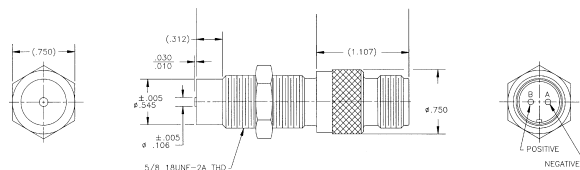
SENSORS WITH 5/8-18 UNF-2A MOUNTING THREAD\*,  
24" (300 mm) LEADS

MODEL	THREAD LENGTH	WEIGHT
3010S20	2.0" (50 mm)	2.5 oz. (70 gr.)
3010S30	3.0" (76 mm)	3.0 oz. (84 gr.)



SENSORS WITH 5/8-18 UNF-2A MOUNTING THREAD\*,  
1/2-14 NPT CONDUIT MOUNT, 24" (300 mm) LEADS

MODEL	THREAD LENGTH	WEIGHT
3010H20	2.0" (50 mm)	5.0 oz. (140 gr.)



SENSORS WITH 5/8-18 UNF-2A MOUNTING THREAD\*,  
MS3106 CONNECTOR, .312" THREAD RELIEF

MODEL	THREAD LENGTH	WEIGHT
3010A	1.4" (35 mm)	2.5 oz. (70 gr.)
3010A25	2.5" (63 mm)	3.0 oz. (84 gr.)

Mates with 41010(VR) Connector or CA210 Cable Assembly

\*For M16 x 1.5 G Mounting Thread Versions, add "M" as the first character of the model number.  
Contact Invensys/Electro for availability and pricing.

Invensys Sensor Systems / Electro Corporation, U.S.A.

Tel. 941-355-8411

www.speed-position.invensys.com

Fax 941-355-3120



ISO  
9001

Certificate Number: FM37434