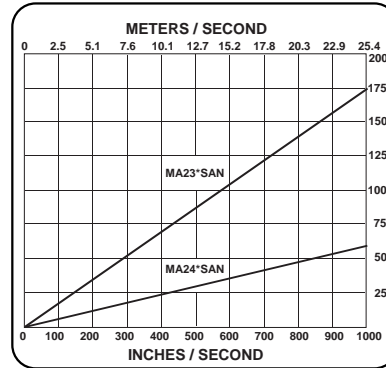




# 5/8 M16\* MA230/MA240 SERIES SEALED FRONT-END VRS SENSORS



FOR SPEED SENSING APPLICATIONS WHERE THE SENSING AREA IS EXPOSED TO FLUIDS, LUBRICANTS OR ADVERSE ENVIRONMENTAL CONDITIONS.

## GENERAL SPECIFICATIONS

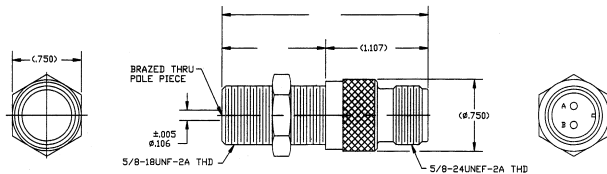
OPER. TEMP. RANGE: -67 to 300F (-55 to 150C)

MOUNTING THREAD: 5/8-18 UNF-2A

VIBRATION: Meets Mil-Std 202F Method 204D

Mates with 41010(VR) Connector or CA210 Cable Assembly

### SENSORS WITH HIGH RESISTANCE COILS FOR MAXIMUM OUTPUT VOLTAGE



MODEL	THREAD LENGTH	WEIGHT
MA230SAN	1.1" (28mm)	2.0 oz. (70 gr.)
MA233SAN	3.0" (76mm)	3.5 oz. (98 gr.)

OUTPUT VOLTAGE: 175V P-P min.

TEST CONDITION: A **VRS Tech Data**

COIL RESISTANCE: 910 to 1200 OHMS

INDUCTANCE: 450 mH max.

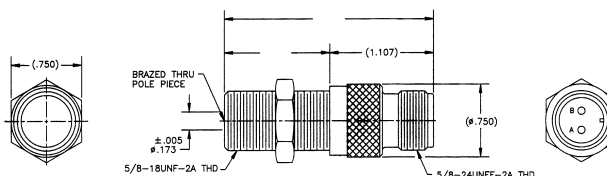
POLE PIECE DIA.: .106" (2.69 mm)

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

MIN. SURFACE SPEED: 10 IPS (.25 m/Sec) Typical

MAX. OPER. FREQ.: 15 KHz Typical

### SENSORS WITH NOMINAL RESISTANCE COILS FOR LOW IMPEDANCE LOADS



MODEL	THREAD LENGTH	WEIGHT
MA240SAN	1.1" (28mm)	2.0 oz. (70 gr.)
MA243SAN	3.0" (76mm)	3.5 oz. (98 gr.)

OUTPUT VOLTAGE: 60V P-P min.

TEST CONDITION: B **VRS Tech Data**

COIL RESISTANCE: 120 to 162 OHMS

INDUCTANCE: 85 mH max.

POLE PIECE DIA.: .173" (4.39 mm)

GEAR PITCH RANGE: 12 DP (Module 2.11) or Coarser

MIN. SURFACE SPEED: 15 IPS (.38 m/Sec) Typical

MAX. OPER. FREQ.: 40 KHz Typical

\*For M16 x 1.5 6g Mounting Thread Versions, add "M" as the first character of the model number. Contact Invensys/Electro for availability and pricing.

Tel. 941-355-8411

www.speed-position.invensys.com

Fax 941-355-3120



ISO  
9001