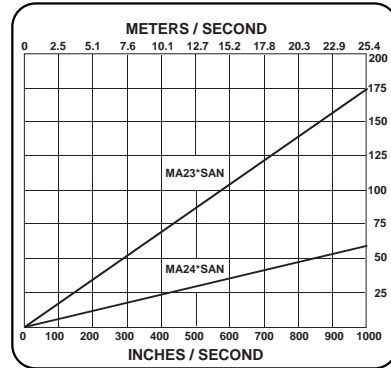




5/8 M16* MA230/MA240 SERIES SEALED FRONT-END VRS SENSORS



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

GENERAL SPECIFICATIONS

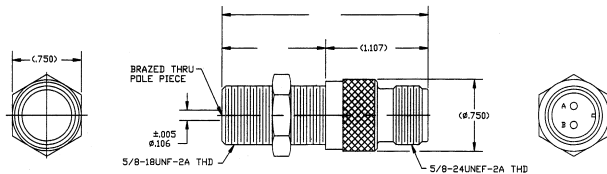
OPER. TEMP. RANGE: -67 to 300F (-55 to 150C)

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.

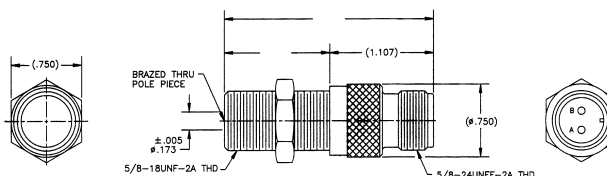
POLE PIECE DIA.: .106" (2.69 mm)

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.

Invensys Sensor Systems / Electro Corporation, U.S.A.
Tel. 941-355-8411 www.speed-position.invensys.com Fax 941-355-3120



ISO
9001