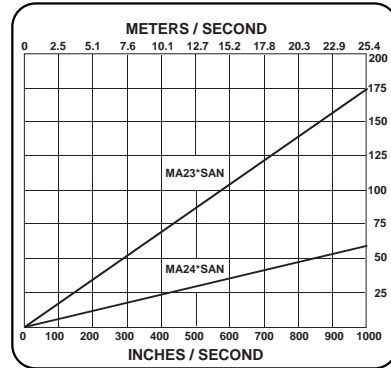




5/8 M16* MA230/MA240 SERIES SEALED FRONT-END VRS SENSORS

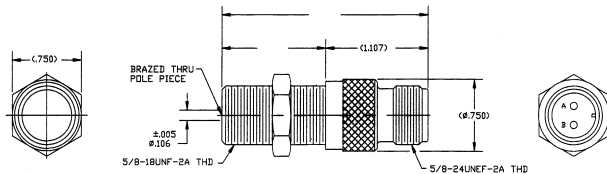


FOR SPEED SENSING APPLICATIONS WHERE THE SENSING AREA IS EXPOSED TO FLUIDS, LUBRICANTS OR ADVERSE ENVIRONMENTAL CONDITIONS.

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

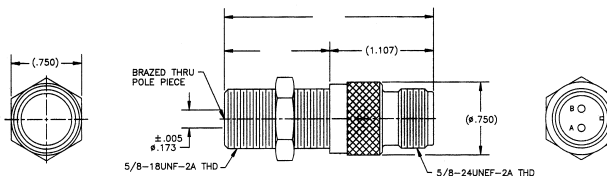
SENSORS WITH HIGH RESISTANCE COILS FOR MAXIMUM OUTPUT VOLTAGE



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

