

# 5/8 MA243HT SEALED FRONT-END HI-TEMP SENSOR



FOR SPEED SENSING APPLICATIONS WHERE THE SENSING AREA IS EXPOSED TO FLUIDS, LUBRICANTS AND HIGH TEMPERATURE.

## GENERAL SPECIFICATIONS

OPER. TEMP. RANGE: -65 to 428F (-54 to 220C)

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

VIBRATION: Meets Mil-Std 202F Method 204D

Mates with 41010(VR) Connector or CA210 Cable Assembly

### SENSOR WITH NOMINAL RESISTANCE COIL FOR LOW IMPEDANCE LOADS

OUTPUT VOLTAGE: 60V P-P min.

TEST CONDITION: B **VRS Tech Data**

COIL RESISTANCE: 120 to 162 OHMS

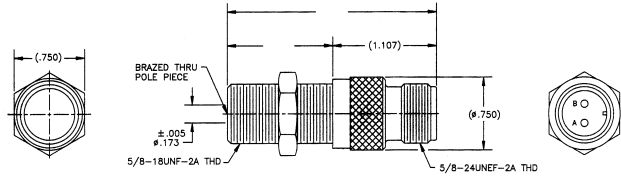
INDUCTANCE: 85 mH max.

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



| MODEL   | THREAD LENGTH | WEIGHT           |
|---------|---------------|------------------|
| MA243HT | 3.0" (76mm)   | 3.5 oz. (98 gr.) |

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ISO  
9001

Certificate Number: FM37434