



# 1/4 MA3055S10 SEALED FRONT-END HI-TEMP VRS SENSOR



FOR SPEED SENSING APPLICATIONS WHERE SENSOR MOUNTING AREA IS VERY LIMITED, A HIGH TEMPERATURE IS PRESENT, AND THE SENSOR TIP IS EXPOSED TO LIQUIDS, OILS OR FLUIDS.

**OPTIMUM ACTUATOR:** 28 DP (Module .90) Ferrous Metal Gear      **TEST CONDITION:** A

## GENERAL SPECIFICATIONS

**OUTPUT VOLTAGE:** 5.2V P-P min.

**COIL RESISTANCE:** 20-45 OHMS max.

**POLE PIECE DIA.:** .040" (1mm)

**MIN. SURFACE SPEED:** 35 IPS (.89 m/Sec.) Typical

**OPER. TEMP. RANGE:** -100 to 450F (-73 to 230C)

**INDUCTANCE:** 1.5 - 4.5 mH max.

**GEAR PITCH RANGE:** 36 DP (Module .70) or Coarser

**MAX. OPER. FREQ.:** 70 KHz Typical

**VIBRATION:** Meets Mil-Std 202F Method 204D

SENSOR WITH 1/4-40 UNS-2A MOUNTING THREAD,  
SEALED FRONT-END, 48" (1200mm) LEADS

MODEL	THREAD LENGTH	WEIGHT
MA3055S10	1.0" (25.4mm)	1 oz. (28 gr.)

