

- Encoders
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- Fiber Optic Sensors
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- Linear and Rotary Potentiometric Sensors
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- Navigation and Compass Sensors
- Potentiometers
- Resolvers
- Turbidity Sensors
- Ultrasonic Sensors
- VRS Aerospace Proximity Switches and Sensors
- VRS Industrial Speed Sensors

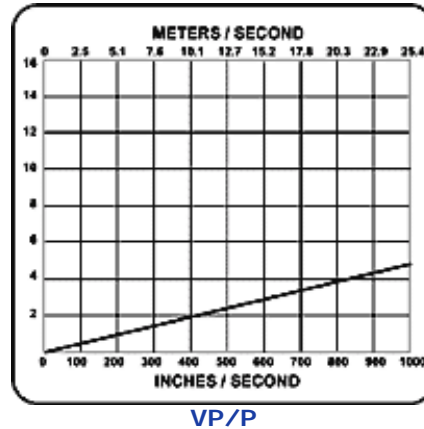
- > Literature
- > 3010 Series General Purpose VRS Sensors
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- > 2015/2025/2030/2040 Series Molded VRS Sensors
- > 3030 Series High Output VRS Sensors
- > 3025 Series High Output VRS Sensors
- > 3040 Series Power Output VRS Sensors
- > MA230/MA240 Series Sealed Front-End VRS Sensors

MA3055 Series M8 [1/4 in] 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.

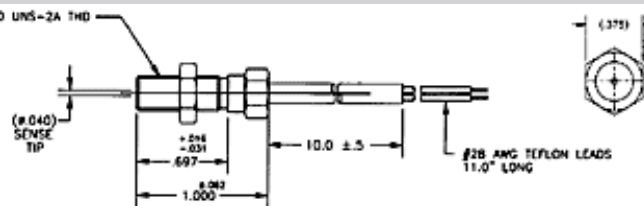
- Optimum Actuator: 28 DP (Module 0.9) Ferrous Metal Gear
- Test Condition: A



→ Specifications

Parameter	Value
Output Voltage	5.2 V P-P min.
Coil Resistance	20 to 45 Ohms
Pole Piece Diameter.	1 mm [0.04 in]
Minimum Surface Speed	35 IPS (0.890 m/Sec.) Typical
Operating Temperature Range	-73 °C to 230 °C [-100 °F to 450 °F]
Inductance	1.5 mH to 4.5 mH max.
Gear Pitch Range	36 DP (Module 0.7) or Coarser
Maximum Operating Frequency	70 KHz Typical
Vibration	Meets Mil-Std 202F Method 204D

Sensor with 1/4-40 UNS-2A Mounting Thread, Sealed Front-End, 279 mm [11 in] Leads



→ Dimensions

Part Number	Thread Length	Weight
MA3055	17,5 mm [0.69 in]	28 g [1 oz]

Sensor with 1/4-40 UNS-2A Full Length Thread, Sealed Front-End, 1200 mm [48 in] Leads

Part Number Search

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>MA243HT Series
Sealed Front-End Hi-
Temp Sensor

>MA215HT/MA315HT
Series Sealed Front-End
Hi-Temp VRS Sensors

>MA3055 Series Sealed
Front-End Hi-Temp VRS
Sensor

>3042 Series Intrinsically
Safe VRS Sensors

>3042 Series Control
Drawing

>3050 Series Miniature
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>3080 Series Sub
Miniature VRS Sensor

>3015HTB Series High
Temperature VRS
Sensors

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Calculator



→ **Dimensions**

Part Number	Thread Length	Weight
MA3055S10	25,4 mm [1.0 in]	28 g [1 oz]

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