

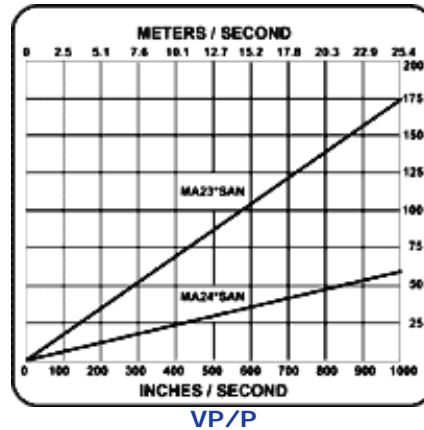
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- > 3040 Series Power Output VRS Sensors
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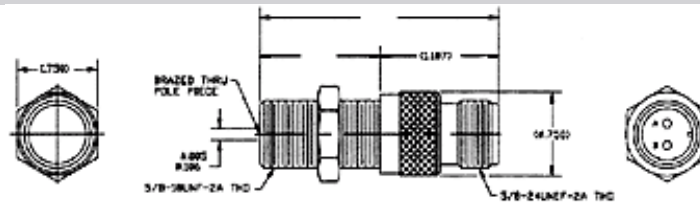
MA230/MA240 Series M16 [5/8 in] Sealed Front-End VRS Sensors



For speed sensing applications where the sensing area is exposed to fluids, lubricants or adverse environmental conditions.



Sensors with High Resistance Coils for Maximum Output Voltage



→ Specifications

Parameter	Value
Operating Temperature Range	-55 °C to 150 °C [-67 °F to 300 °F]
Mounting Thread	5/8-18 UNF-2A
Vibration	Meets Mil-Std 202F Method 204D
Output Voltage	175V P-P min.
Test Condition	A
Coil Resistance	910 Ohm to 1200 Ohm
Inductance	450 mH max.
Pole Piece Dia.	2.69 mm [0.106 in]
Gear Pitch Range	24 DP (Module 1.06) or Coarser
Min. Surface speed	10 IPS (0.25 m/Sec) Typical
Max. Oper. Freq.	15 KHz Typical

→ Dimensions

Part Number	Thread Length	Weight
MA230SAN	28 mm [1.1 in]	70 g [2.0 oz]
MA233SAN	76 mm [3.0 in]	98 g [3.5 oz]

Part Number Search

Search the Sensing and Control Interactive Catalog.

Keyword 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 VRS Sensors

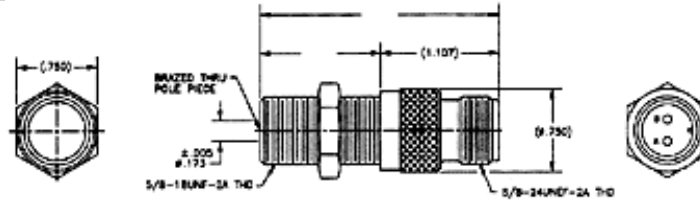
> 3080 Series Sub Miniature VRS Sensor

> 3015HTB Series High Temperature VRS Sensors

> Download VRS Calculator

Mates with 41010(VR) Connector or CA210 Cable Assembly
*For M16 x 1.5 6g Mounting Thread Versions, add "M" as the first character of the model number.

Sensors with Nominal Resistance Coils for Low Impedance Loads



→ Specifications

Parameter	Value
Operating Temperature Range	-55 °C to 150 °C [-67 °F to 300 °F]
Mounting Thread	5/8-18 UNF-2A
Vibration	Meets Mil-Std 202F Method 204D
Output Voltage	60 V P-P min.
Test Condition	B
Coil Resistance	120 Ohm to 162 Ohm
Inductance	85 mH max.
Pole Piece Dia.	4,39 mm [0.173 in]
Gear Pitch Range	12 DP (Module 2.11) or Coarser
Min. Surface speed	10 IPS (0.38 m/Sec) Typical
Max. Oper. Freq.	40 KHz Typical

→ Dimensions

Part Number	Thread Length	Weight
MA240SAN	28 mm [1.1 in]	70 g [2.0 oz]
MA243SAN	76 mm [3.0 in]	98 g [3.5 oz]

Mates with 41010(VR) Connector or CA210 Cable Assembly
*For M16 x 1.5 6g Mounting Thread Versions, add "M" as the first character of the model number.

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