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Speed, Position & Current	Thermal	Pressure, Force & Flow	Relays	Switches & Equipment Health	Potentiometers & Resistors	Safety Products	Vehicle Controls & Monitoring	Test & Measurement
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Encoders

Environmentally Sealed Proximity Sensors

Fiber Optic Sensors

Infrared Sensors

Linear and Rotary Potentiometric Sensors

Liquid Level Sensors

Magnetic Position Sensors

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

> 3015 Series General Purpose VRS Sensors

> 30X9 Series High Resolution VRS Sensors

> 304X Series High Resolution VRS Sensors

> 30X4 Series High Resolution VRS Sensors

> 3070/3090 Series Explosion Proof VRS Sensors

> 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

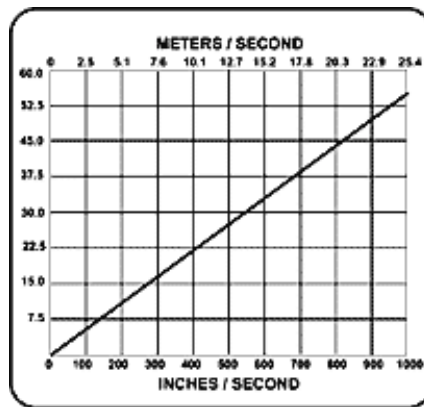
3025 Series M12 [3/8 in] High Output VRS Sensors



For speed sensing applications where higher output voltages are needed. Performs best at low to medium speeds with medium to high impedance loads.

■ Optimum Actuator: 24 DP (Module 1.06) Ferrous Metal Gear

■ Test Condition: A

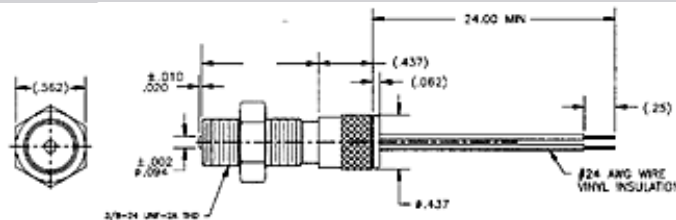


VP/P

→ Specifications

Parameter	Value
Output Voltage	55V P-P min.
Coil Resistance	275 Ohm to 330 Ohms
Pole Piece Diameter	2,36 mm [0.093 in]
Minimum Surface Speed	15 IPS [0.38 m/Sec.] Typical
Operating Temperature Range	-40 °C to 107 °C [-40 °F to 225 °F]
Inductance	75 mH max.
Gear Pitch Range	26 DP [Module 0.98] or Coarser
Maximum Operating Frequency	40 KHz Typical
Vibration	Meets Mil-Std 202F Method 204D

Sensors with 3/8-24 UNF-2A Mounting Thread*, KNUURL, 600 mm [24 in] Leads



→ Dimensions

Part Number	Thread Length	Weight
3025	20 mm [0.8 in]	28 g [1.0 oz]
3025A17	44 mm [1.7 in]	35 g [1.2 oz]
3025A35	88 mm [3.5 in]	42 g [1.5 oz]

Part Number Search

Search the Sensing and Control Interactive Catalog.

Keyword Search

Search for product and support information.

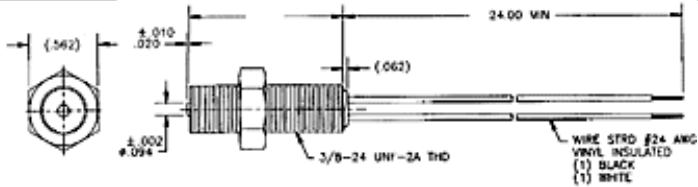
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- >MA243HT Series Sealed Front-End Hi-Temp Sensor
- >MA215HT/MA315HT Series Sealed Front-End Hi-Temp VRS Sensors
- >MA3055 Series Sealed Front-End Hi-Temp VRS Sensor
- >3042 Series Intrinsically Safe VRS Sensors
- >3042 Series Control Drawing
- >3050 Series Miniature VRS Sensors
- >3080 Series Sub Miniature VRS Sensor
- >3015HTB Series High Temperature VRS Sensors
- >Download VRS Calculator

*For Metric Mounting Thread Versions, add "M" as the first character of the model number.

Sensors with 3/8-24 UNF-2A Mounting Thread*, 600 mm [24 in] Leads

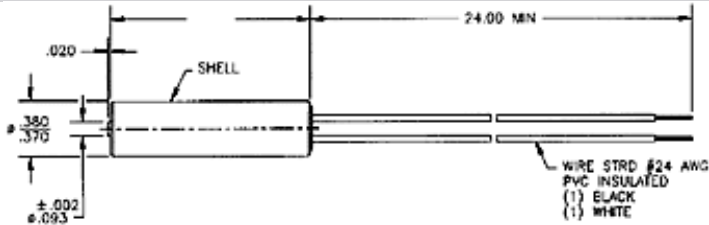


→ Dimensions

Part Number	Thread Length	Weight
3025S13	30 mm [1.2 in]	28 g [1.0 oz]

*For Metric Mounting Thread Versions, add "M" as the first character of the model number.

Sensors with .375" O.D. Smooth Shell, 600 mm [24 in] Leads



→ Dimensions

Part Number	Thread Length	Weight
3025SS13	1.2" (30 mm)	1.0 oz. (28 gr.)
3025SS25	2.5" (63 mm)	1.5 oz. (42 gr.)

*For Metric Mounting Thread Versions, add "M" as the first character of the model number.

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