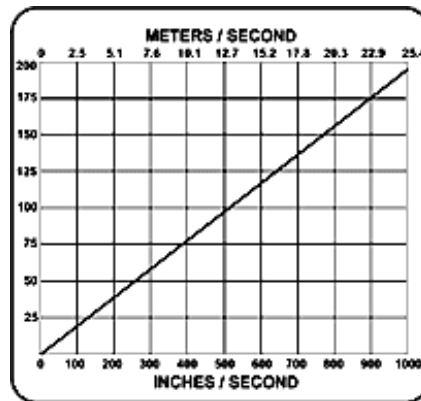# 3030 Series M16 [5/8 in] High Output VRS Sensors

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: 20 DP (Module 1.27) Ferrous Metal Gear
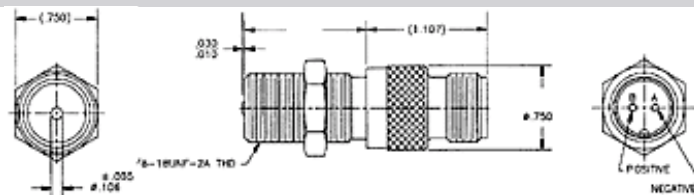
- Test Condition: A

VP/P

→ Specifications

Parameter	Value
Output Voltage	190V P-P min.
Coil Resistance	191 Ohm to 1200 Ohms
Pole Piece Diameter	2,69 mm [0.106 in]
Minimum Surface Speed	10 IPS (0.25 m/Sec.) Typical
Operating Temperature Range	-55 °C to 120 °C [-67 °F to 250 °F]
Inductance	450 mH max.
Gear Pitch Range	24 DP (Module 1.06) or Coarser
Maximum Operating Frequency	15 KHz Typical
Vibration	Meets Mil-Std 202F Method 204D

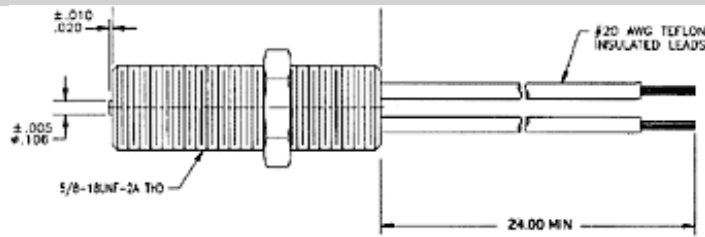### Sensors with 5/8-18 UNF-2A Mounting Thread*, MS3106 Connector

→ Dimensions

Part Number	Thread Length	Weight
3030AN	28 mm [1.1 in]	70 g [2.5 oz]
3030AN25	63 mm [2.5 in]	84 g [3.0 oz]
3030AN30	76 mm [3.0 in]	84 g [3.0 oz]
3030AN40	101 mm [4.0 in]	98 g [3.5 oz]
3030AN50	127 mm [5.0 in]	128 g [4.5 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.

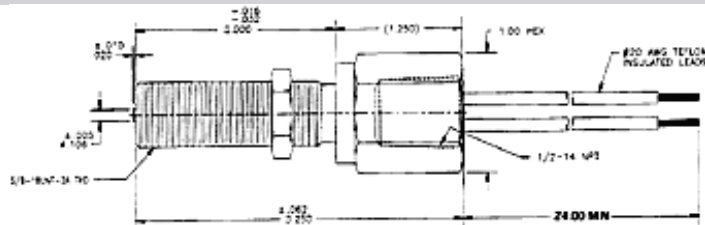### Sensors with 5/8-18 UNF-2A Mounting Thread*, 24" (300 mm) Leads

→ **Dimensions**

Part Number	Thread Length	Weight
3030S20	50 mm [2.0 in]	70 g [2.5 oz]
3030S30	76 mm [3.0 in]	84 g [3.0 oz]

* For M16 x 1.5 6g Mounting Thread Versions, add "M" as the first character of the model number.

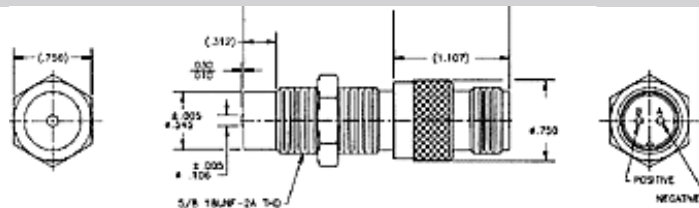### Sensors with 5/8-18 UNF-2A Mounting Thread*, 1/2-14 NPT Conduit Mount, 300 mm [24 in] Leads

→ **Dimensions**

Part Number	Thread Length	Weight
3030H20	50 mm [2.0 in]	140 g [5.0 oz]

* For M16 x 1.5 6g Mounting Thread Versions, add "M" as the first character of the model number.

Sensors with 5/8-18 UNF-2A Mounting Thread*, MS3106 Connector, 7,9 mm [0.312 in] Thread Relief

→ **Dimensions**

Part Number	Thread Length	Weight
3030A	1.4" (35 mm)	2.5 oz. (70 gr.)
3030A25	2.5" (63 mm)	3.0 oz. (84 gr.)

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.