

SENSORONIX

ADVANCED MAGNETIC SENSOR TECHNOLOGY

The New 3/8" (9mm) Diameter Series Hall Effect Quadrature Sensors by **SENSORONIX!**

Date Released: 4/1/2009

Product Category: Hall Effect Quadrature Sensor

Sample Part Number: HQ230-400

Other Categories Available: -

HQ Series: Quadrature sensors provide two 90° out of phase digital outputs to record speed and direction. The output signal # 1 leads output signal # 2 with clockwise, and the output signal # 2 leads output signal # 1 with counter clockwise rotation of the target wheel. Both output signals will be 50% duty cycle.



HQ230-400 PRODUCT SPECIFICATIONS

Supply Voltage: 4.5 to 24 VDC

Supply Current: 10 mA Max

Output Signal: Square Wave, NPN, 4.7K pull-up Resistor

Output Current: 20 mA Sink each

Target Wheel: 8 teeth or slots to 32 pitch gear

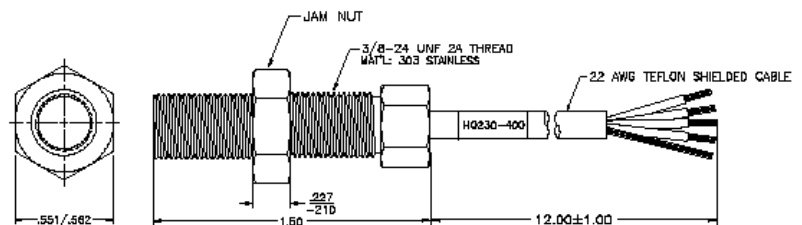
Airgap: 0.100" with 8 pitch gear

Operating Temp. Range: -40 to 125 °C

Frequency: 0-15 KHZ

Protection: Reverse Polarity Protection

P/N: HQ230-400 DRAWING



Please contact SENSORONIX for more information on the new Hall Effect Quadrature Sensor Series.

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