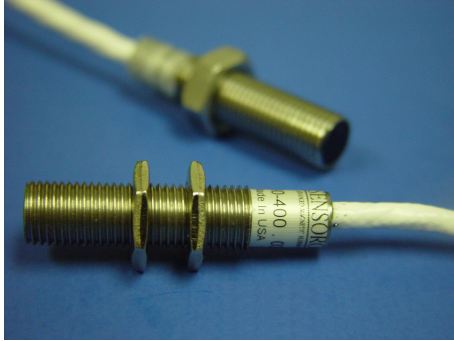


Miniaturized Hall Effect Quadrature Sensor!

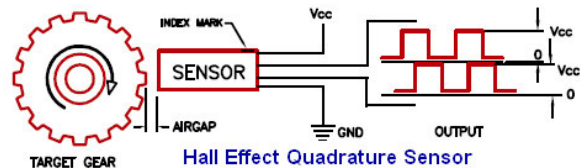


Hall Effect magnetic sensors have come to be the leading technology in the magnetic sensor industry. This technology has shown a lot of capabilities to be utilized more extensively in the more advanced future designs. In addition to the quality of performance, what decides the practical utility of these magnetic sensors is the compatibility with the advanced microelectronics and miniaturized components of the future applications, thus, making size compatibility an important factor in utilizing these sensors. Due to the involvement of two 90° out of phase digital outputs for recording speed and

direction, *Hall Effect Quadrature Sensors* have been one of the most challenging sensor types to become miniaturized amongst other magnetic sensors.

In March of 2006, **Sensoronix, Inc.**, presented the new line of miniaturized *Hall Effect Quadrature Sensors* which are now the smallest of their kind. P/N: HQ130-400 provides a package size as small as 3/8" diameter for sensing ferrous material target wheel. P/N: HQ020-300 is even as small as 1/4" in diameter for sensing polarized magnet target wheel with the sensor housing as short as 1.00" in length.

Sensoronix, Inc. has set the bench mark for miniaturization of this type of sensor and has revolutionized the advancement of Hall Effect Magnetic Sensors to be utilized for more variety of applications in the future. For more information about miniaturized Quadrature sensors products please visit the website at: www.sensoronix.com or call (714)665-6666 for more detailed information.



Input Voltage: 4.5 VDC TO 24 VDC

Output Current (Sink): 25mA Max

Operating Temperature: -20 °C To 125 °C.