



SENSORONIX

ADVANCED MAGNETIC SENSOR TECHNOLOGY

New Combined Digital Speed, Direction, and Linear 4-20 mA Sensor in a Single Case

Date Released: March 2017

Product Category: Hall Effect Digital Speed, Direction and Linear 4-20mA Output.

Part Number: HDL47-420

Description: 3/4-16, 2.00" Thread Length with M12x1 Connector attached to the 303 Stainless Steel Sensor Housing

HDL Series: This Hall Effect Speed Sensor provides three signal outputs. Signal #1 is a digital square wave for measuring speed, Signal#2 is a digital DC voltage level to indicate the direction of shaft rotation (Logic High: When the target gear is rotating Clockwise, and Logic Low: when the gear is rotating counter clockwise), and Signal #3 is an additional linear output to measure the speed range with termination and media compatibility of the industry standard 4-20mA output.

Other Categories Available: Digital Quadrature Speed Sensor with Linear 0-10VDC output.

Common Applications: Dynamometers, Traction control, Transfer case, And Machinery Equipments.

PRODUCT SPECIFICATIONS

Supply Voltage: 4.5 to 24 VDC

Supply Current: 15 mA Max

Output Signal: Two digital NPN and one linear 4-20mA.

Output Current: 20 mA Sink/ each output

Target Wheel: 8- 32 pitch gear

Airgap: .040" -.100" for 32 - 8 pitch gear

Operating Temp. Range: -20 to 90 °C

Frequency Range: 0-15 KHZ

P/N: HDL47-420



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

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