



MAGNETIC SENSORS CORPORATION  
Measuring the Rate of Progress Since 1983

## HE Speed and Direction Sensors

Hall Effect Sensor  
Part Number: 413029-00

### Description:

- Direction of travel sensing
- True zero speed sensing
- Digital output
- Supply Voltage from 4.5 - 24Vdc
- Operating Temp -40°C to + 125°C
- No moving parts or contacts
- Easy orientation
- Customized versions available
- Adapts to various configurations

### Applications:

- Automotive
- Engine Speed
- Power Generation
- Turbines
- Turbochargers
- Transmission
- Exercise Equipment



SENSOR SPECIFICATIONS				TEST SPECIFICATIONS	
INPUT VOLTAGE	4.5 TO 24 VDC	HOUSING MATERIAL	380 Aluminum	OUTPUT	20 PULSES PER REVOLUTION
INPUT CURRENT	14 mA MAX	OPERATING TEMPERATURE	-40° C to 125° C	DUTY CYCLE	50% ± 10% AT 25° C
OUTPUT CURRENT	15 mA MAX Continuous	WIRE	20 AWG	REVERSE POLARITY PROTECTED	YES
OUTPUT LOW	.400 V MAX	MOUNTING THREAD SIZE	7/8-18	OVERALL LENGTH	2.00 in. MAX
OUTPUT HIGH	24 VDC MAX	CONNECTOR	N/A	OUTPUT SIGNAL	OUTPUT IS AN OPEN COLLECTOR NPN.



