



MAGNETIC SENSORS CORPORATION
Measuring the Rate of Progress Since 1983

HE Speed and Direction Sensors

Hall Effect Sensor
Part Number: 413025-60

Description:

- Direction of travel sensing
- True zero speed sensing
- Digital output
- Supply Voltage from 4.5 - 24Vdc
- Operating Temp -40°C to + 100°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	6 TO 24 VDC	HOUSING MATERIAL	380 Aluminum	OUTPUT	16 PULSES PER REVOLUTION
INPUT CURRENT	13 mA MAX (at output HI)	OPERATING TEMPERATURE	-40° C to 100° C	DUTY CYCLE	50% ± 20%
OUTPUT CURRENT	20 mA MAX	WIRE	22 AWG	REVERSE POLARITY PROTECTED	VCC TO GND
OUTPUT LOW	0.600 V MAX	MOUNTING THREAD SIZE	7/8-18	OUTPUT 2	CLOCKWISE: LOGIC 0 LOW CCW: LOGIC 1 HIGH
OVERALL LENGTH	2.80 in	CONNECTOR	ITT CANNON MS27467T9B35PA	OUTPUT 1	SQUARE WAVE LOW: 0.6 VMAX HIGH: VCC MAX

