



MAGNETIC SENSORS CORPORATION
Measuring the Rate of Progress Since 1983

HE Speed and Direction Sensors

Hall Effect Sensor
Part Number: 413024-10

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
- Aviation/Aerospace
- Turbochargers
- Biotech
- Exercise Equipment



SENSOR SPECIFICATIONS				TEST SPECIFICATIONS	
INPUT VOLTAGE	6 TO 24 VDC	HOUSING MATERIAL	380 Aluminum	OUTPUT LOW	0.600 V MAX
INPUT CURRENT	13 mA MAX	OPERATING TEMPERATURE	-40° C to 100° C	DUTY CYCLE	50% ± 20%
OVERALL LENGTH	2.00 in. MAX	WIRE	22 AWG	REVERSE POLARITY PROTECTED	VCC TO GND
OUTPUT 1	Square Wave LOW: .6 V MAX HIGH: Vcc MAX	MOUNTING THREAD SIZE	5/8-18	OUTPUT	16 PULSES PER REVOLUTION
OUTPUT 2	(ROTATION DIRECTION) CLOCKWISE: LOGIC 1 HIGH CCW: LOGIC 0 LOW	CONNECTOR	ITT CANNON CONNECTOR: MS27467T9B35PA	OUTPUT CURRENT	20 mA MAX

