



MAGNETIC SENSORS CORPORATION
Measuring the Rate of Progress Since 1983

Hall Effect Speed Sensors

Hall Effect Speed Sensor
Part Number: 427038-10

Description:

- Near zero speed sensing
- Digital output
- Supply Voltage from 4.5 - 24Vdc
- Operating Temp -40°C to + 125°C
- Customized versions available
- Adapts to various configurations

Applications:

- Engine Management
- Electromotive Valve Actuator
- Hydraulic Motors
- Turbines
- Diesel Engine
- APU



SENSOR SPECIFICATIONS				TEST SPECIFICATIONS	
INPUT VOLTAGE	5 ± 0.1 VDC	HOUSING MATERIAL	303 S.S.	OUTPUT DUTY CYCLE	20% to 80%
INPUT CURRENT	12 mA MAX	DIELECTRIC STRENGTH	150 VRMS	SURFACE SPEED	0-12000 TEETH / SECOND
OUTPUT CURRENT, Isink	See Schematic	WIRE	18 AWG	TEST WHEEL	SEE GRAPH
OUTPUT SIGNAL	2.26V to 3.52 VDC	MOUNTING THREAD SIZE	5/8-18 UNF 2A	AIR GAP	SEE GRAPH
OPERATING TEMPERATURE	-25° C to 125° C	CONNECTOR	DEUTCH CONNECTOR: DT04-3P	OVERALL LENGTH	2.50in ± .03in

