



MAGNETIC SENSORS CORPORATION
Measuring the Rate of Progress Since 1983

Hall Effect Speed Sensors

Hall Effect Speed Sensor
Part Number: 427009-60

Description:

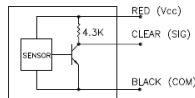
- Near zero speed sensing
- Digital output
- Supply Voltage from 4.5 - 24Vdc
- Operating Temp -40°C to + 125°C
- Customized versions available
- Adapts to various configurations

Applications:

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



SENSOR SPECIFICATIONS				TEST SPECIFICATIONS	
INPUT VOLTAGE	15 ± .75 VDC	HOUSING MATERIAL	303 S.S.	HUMIDITY, STEADY STATE	0-100% RH
OVERALL LENGTH	5.00 in	DIELECTRIC STRENGTH	1500 V	SURFACE SPEED	12 I.P.S.
VIBRATION	20 G, 5-2000 Hz	WIRE	BRAIDED HOSE	TARGET	10 PITCH, FERROUS GEAR
OPERATING TEMPERATURE	-40° C to 85° C	MOUNTING THREAD SIZE	5/8-18 UNF-2A	AIR GAP	.045 in
OUTPUT SATURATION VOLTAGE	150mV MAX	CONNECTOR	ITT VEAM	OUTPUT	NPN OPEN COLLECTOR WITH 4.3K OHM ± 20% AND EXTERNAL LOAD OF 10K OHM RESISTANCE AT ABOVE TEST CONDITIONS



HOOK-UP SCHEMATIC

