



MAGNETIC SENSORS CORPORATION
Measuring the Rate of Progress Since 1983

Proximity Switch Sensors

Hall Effect Sensor
Part Number: 413011-10

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
- Power Generation Turbines
- Turbochargers
- Transmission
Exercise Equipment



SENSOR SPECIFICATIONS				TEST SPECIFICATIONS	
INPUT VOLTAGE	3.8 TO 30 VDC	HOUSING MATERIAL	Aluminum	AIRGAP	.300 MAX
INPUT CURRENT	10 mA MAX	OPERATING TEMPERATURE	-40° C to 125° C	INSULATION RESISTANCE	100 MEGOHMS MIN AT 100 VDC.
OPERATING FREQUENCY	0-50 KHz	WIRE	24 AWG	VIBRATION RESISTANCE	20 g AT 10-2000 Hz.
OUTPUT SINKING CURRENT	20 mA MAX	MOUNTING THREAD SIZE	15/32-32 UNF 2A	SHOCK RESISTANCE	50 g PEAK, 3 MUTUALLY PERPENDICULAR AXIS
OPERATION	TARGET PRESENT: Output Lo TARGET ABSENT: Output Hi	CONNECTOR	N/A	TARGET	∅.250 x .20 SmCo 18 MAGNET, POLARITY AS SHOWN.

