

Description:

- Analog Variable Reluctance
- Passive Sensor
- Generate a sine wave output
- No external power source
- Voltage is determined by target, speed and air gap.

Applications:

- Governors
- Rail actuators
- Agricultural equipment
- Speed control systems
- Engine Turbine



SENSOR SPECIFICATIONS				TEST SPECIFICATIONS	
RESISTANCE	565 OHMS NOM.	HOUSING	MATERIAL: GOLD ANODIZED ALUMINUM. LENGTH: 3 in	OUTPUT VOLTAGE	53 V MIN. PEAK TO PEAK AT THE FOLLOWING CONDITIONS
INDUCTANCE	90 mH NOM.	OVERALL LENGTH	6.50 in	SURFACE SPEED	1000 I.P.S.
OPERATING TEMPERATURE	-40° F to 250° F	WIRE	16 AWG SXL	TEST WHEEL	8 PITCH GEAR
STORAGE TEMPRETURE	-40° F to 250° F	MOUNTING THREAD SIZE	3/4-16 UNF-2A	AIR GAP	.005 in
DIELECTRIC STRENGTH	(500 V ± 15V) RMS	CONNECTOR	PACKARD CONNECTOR 1201 0973	LOAD RESISTANCE	100K Ohm

