



MAGNETIC SENSORS CORPORATION
Measuring the Rate of Progress Since 1983

Temperature Sensors

Temperature Sensor
Part Number: 480003-20

Description:

- Operating Temp -55°C to + 150°C
- No moving parts or contacts
- Easy orientation
- Customized versions available
- Adapts to various configurations

Applications:

- Automotive
- Engine Speed
- Power Generation Turbines
- Turbochargers
- Transmission



SENSOR SPECIFICATIONS				TEST SPECIFICATIONS	
INPUT VOLTAGE	4 TO 30 VDC	HOUSING MATERIAL	303 S.S.	HIGH POT	200 VDC
OVERALL LENGTH	.87 in	LEAD LENGTH	3.00 ± .25	LEAD WIRES	MUST WITHSTAND A 5 LB PULL TEST
ACCURACY	± .5° C	WIRE	24 AWG	PINS	WHITE LEAD TO PIN 1, BLACK LEAD YO PIN 2.
LINEARITY	± .3° C (FULL RANGE)	MOUNTING THREAD SIZE	1/8-27 NPT THREAD	TEMPERATURE RANGE	-55° C to 150° C
LINEAR CURRENT OUTPUT	1 uA/K	CONNECTOR	AMP 1-640579-00	TEST UNIT AT THE FOLLOWING CONDITIONS	12 VDC, CURRENT TO BE 300 µA ± 5 µa

