



MAGNETIC SENSORS CORPORATION  
Measuring the Rate of Progress Since 1983

## Temperature Sensors

Temperature Sensor  
Part Number: 480003-40

### 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	.857 in	LEADS	CONNECT WHITE LEAD TO PIN 1	LEAD WIRES	MUST WITHSTAND A 5 LB PULL TEST
ACCURACY	± .5° C	WIRE	24 AWG	TEST SENSOR AT	0° C, ROOM TEMPERATURE, & 100° C
LINEARITY	± .3° C (FULL RANGE)	MOUNTING THREAD SIZE	5/16-24 UNF-2A	TEMPERATURE RANGE	-55° C to 150° C
LINEAR CURRENT OUTPUT	1 uA/K	CONNECTOR	JST XAP-02V-1	TEST UNIT AT THE FOLLOWING CONDITIONS	12 VDC, CURRENT TO BE 293 μA ± 3 μa

