

Temperature Transducer -6 SAE



MFG# GS10235-101 SS with Deutsch Connector

MFG# GS10235-102 SS with Lead Wire

MFG# GS10235-151 Alum with Deutsch Connector

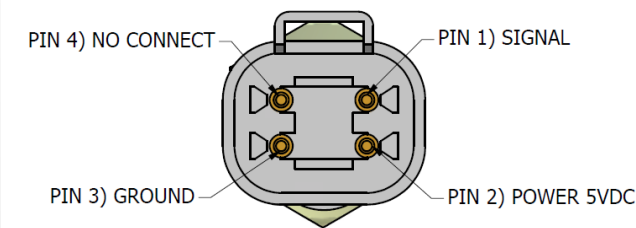
The TT series is a temperature transducer for the harsh mobile environment. The transducer uses a proven temperature sensor with signal conditioning.

The high accuracy with controlled linear voltage output across the 200 degree Celsius temperature range allows for consistent and repeatable performance. The chip is fully potted in a single machined housing manufactured from either 304 Stainless Steel, or 6061 T6 aircraft grade aluminum. Both allow for superior performance in the harshest of environments.

Connections are optional and can be customized to customer demands. Deutsch connector fully sealed or lead wire are standard options. Lead length of 15 inches is standard but customer length to order is optional.

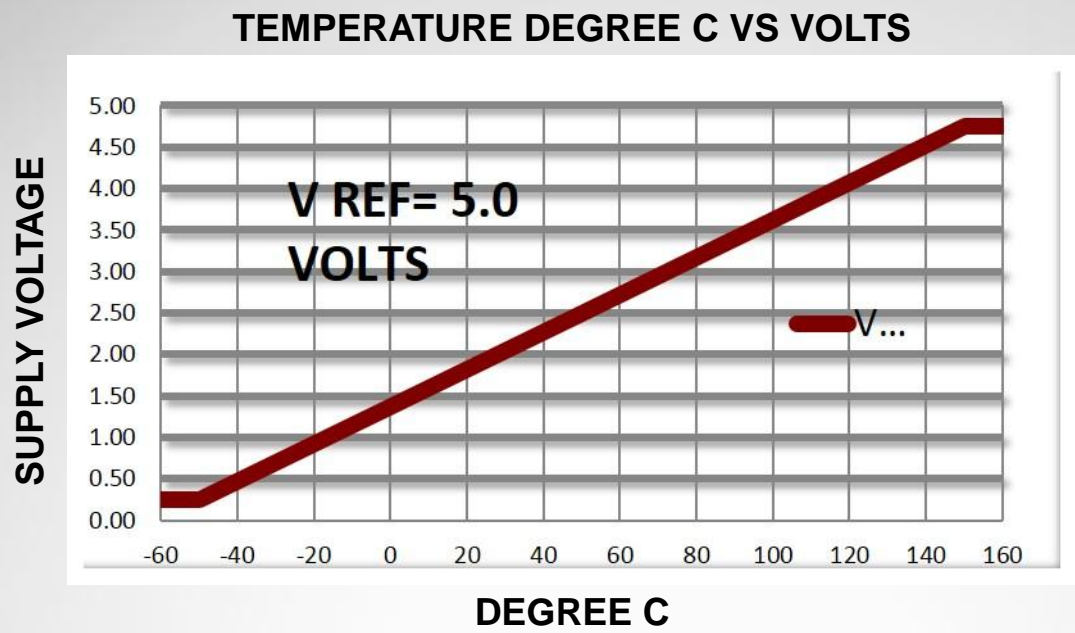
SPECIFICATIONS

OPERATING TEMPERATURE	-50°C to +150°C
MECHANICAL	<ul style="list-style-type: none"> • 9/16 – 18 Thread • PVC Shrink Seal • 3-Wire Cable • Copper conductors • Shrink boot adapter
ELECTRICAL	<ul style="list-style-type: none"> • 5Vdc \pm 1V Supply • 22.5mV/C° • Reverse Polarity Protection • Accuracy \pm 1% FS • Better than 1% Linearity
ENVIRONMENTAL RATING	IP67
CONNECTIONS	Deutsch Connector
RECEPTACLE	DT04-4P
MATING CONNECTOR	DT06-4S
WEDGE	W4S
OTHER	Flying lead optional

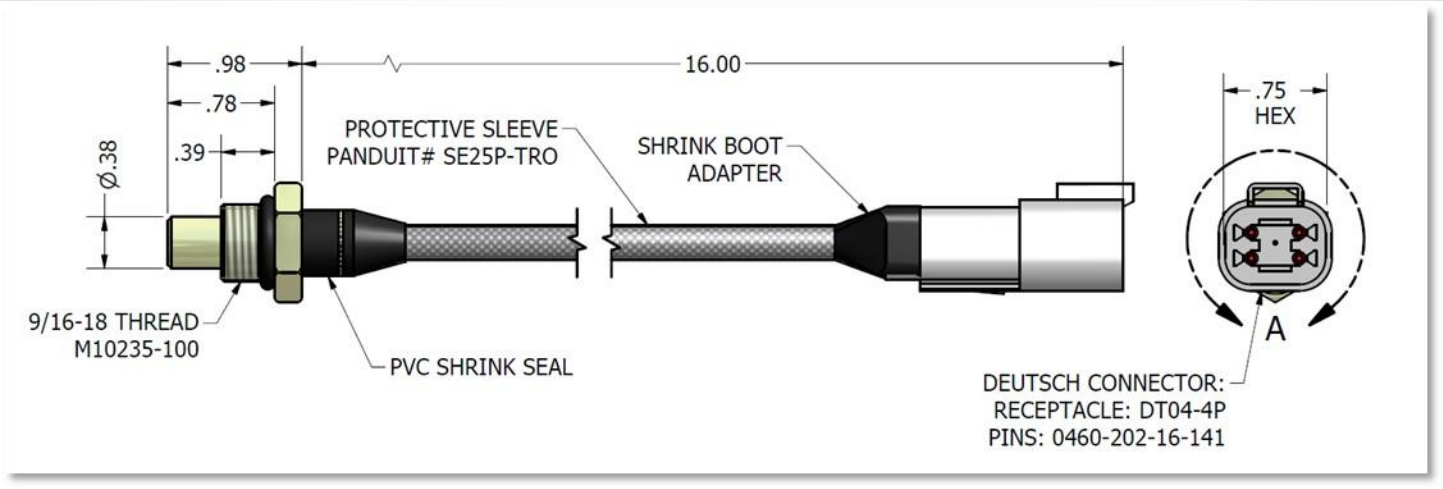


Temperature Transducer -6 SAE – Dimensions and Connector Detail

TEMPERATURE RANGE



HOUSING



WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCT AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY, AND PROPERTY DAMAGE.

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