

Temperature Transducer-1/2 NPT Body



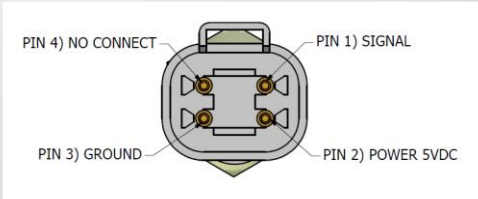
MFG# GS10235-401 SS with Deutsch Connector
MFG# GS10235-451 Alum with Deutsch Connector

The TT series is a temperature transducer built 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.

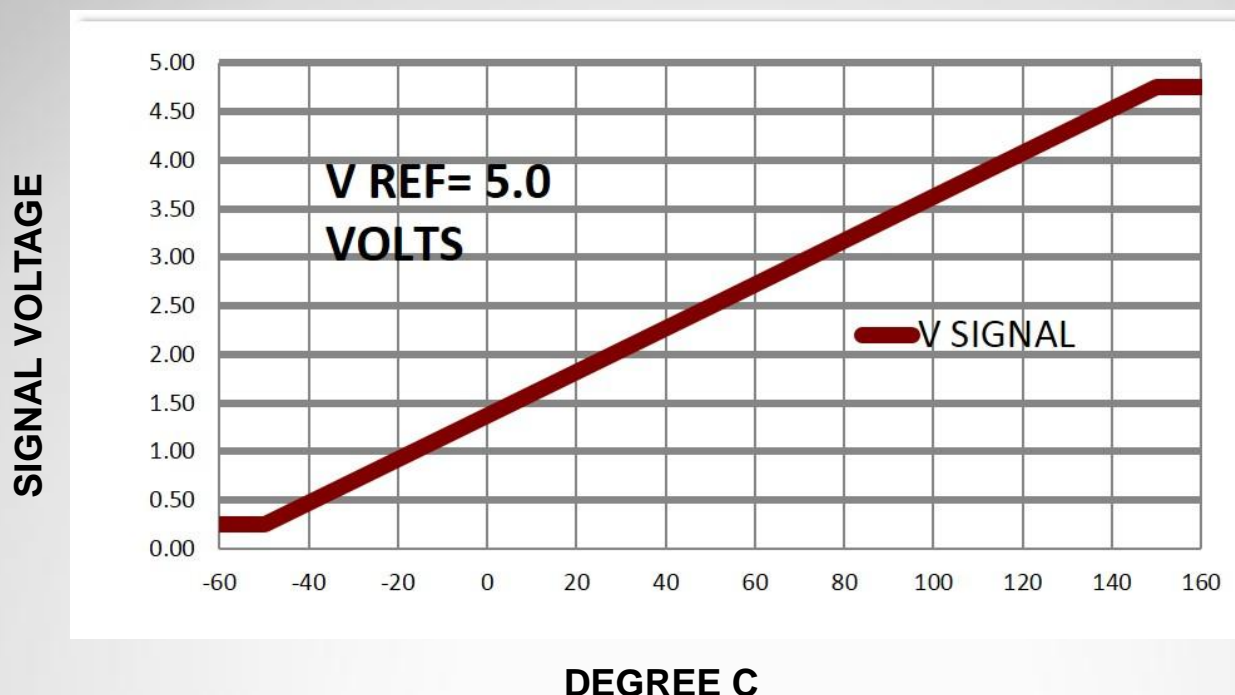
SPECIFICATIONS	
OPERATING TEMPERATURE	-50°C to +150°C
MECHANICAL	<ul style="list-style-type: none"> • Body of 316 Stainless Steel • 18 AWG Wire • Sheath Material • 1/2 - 14 NPT Thread • Stainless Steel strain relief potted with leads to seal
ELECTRICAL	<ul style="list-style-type: none"> • 5 Vdc ±1V Supply • 22.5mV/C° • Reverse Polarity Protection • Accuracy ±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



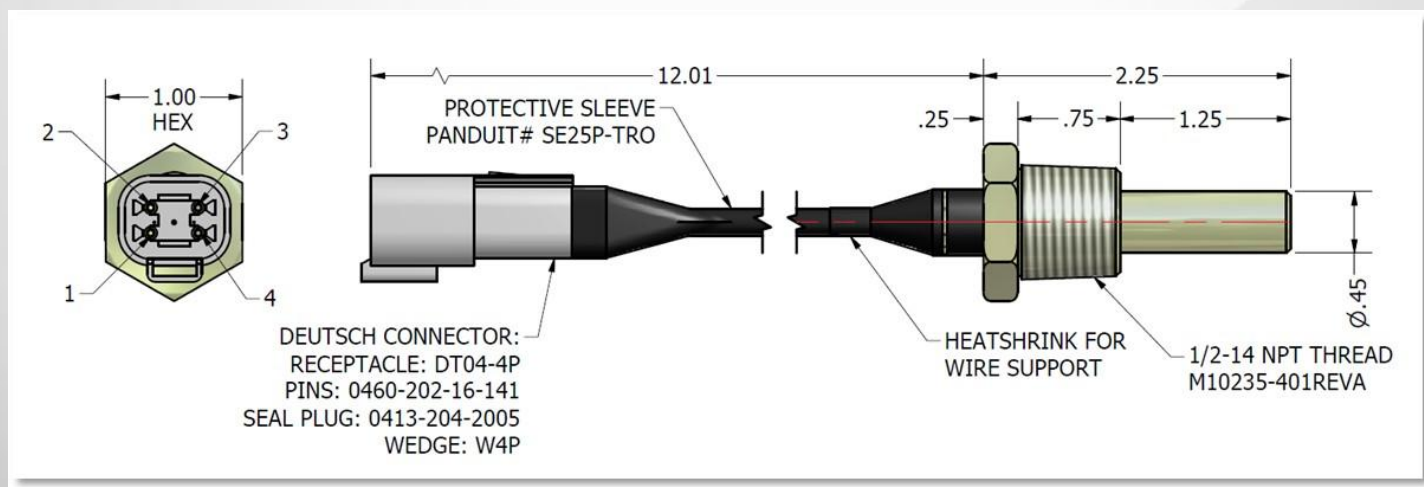
Temperature Transducer-1/2 NPT Body – Dimensions and Connector Detail

TEMPERATURE RANGE

TEMPERATURE DEGREE C VS VOLTS



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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