

T H E R M O M E T R I C S  
A C O M M I T M E N T T O E X C E L L E N C E

# GE-2133

## General Fluid Temperature Sensors



Thermometrics GE-2133 Series of General Fluid Temperature Sensors measures and monitors the temperature of a variety of fluids. The spring clip design secures the sensor in place and provides a quick means for installation and removal. (Clip is not included.)

### Applications

- Battery Coolant Temperature
- Refrigerant Temperature
- Outside Air Temperature
- Engine Coolant Temperature

### Features

- Low price
- High sensitivity
- Wide application range
- Compact design
- Easy installation
- Validated to ISO 16750-Z-A-O-D-A
- Mounting Clip available separately through Amphenol Advanced Sensors or Distribution as the RV-2039

### Available Options:

- GE-2133: Sensor only
- RV-2039: Retention clip only
- GE-2133D: Kit containing GE-2133 sensor with RV-2039 retention clip

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# GE-2133 Specifications

## Operating Temperature:

-40°F to 257°F (-40°C to 125°C)

## Storage Temperature:

-40°F to 194°F (-40°C to 90°C)

## Response time:

Less than 10 seconds in liquid; less than 25 seconds in air.

	GE-2133
R25°C (77°F)	9,850 – 10,150 Ω
B(25/85)°C	3957 - 3990

## Housing Material

Polyamide 6/6

## Weight

3.4 grams

## Mating Connector

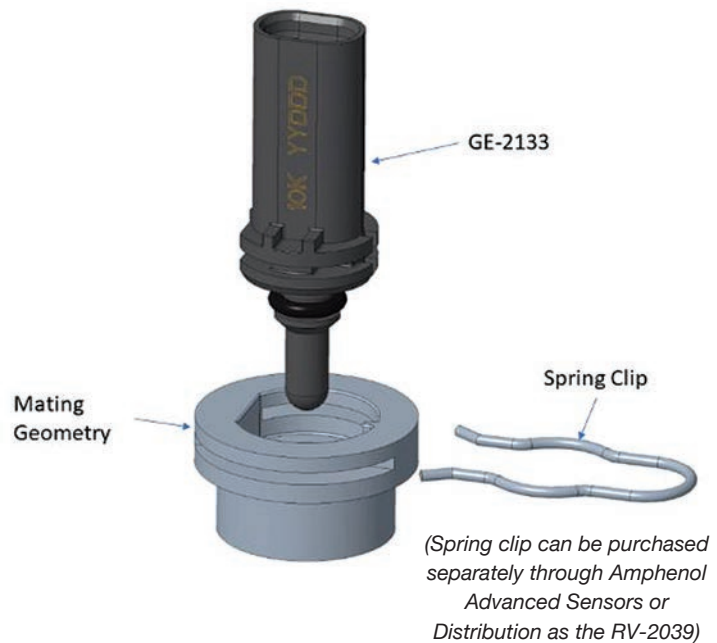
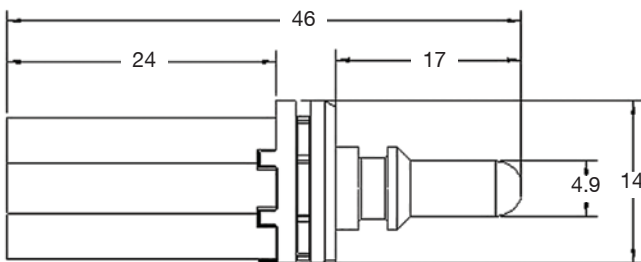
FEP 42831300 or Equivalent, USCAR 2 Way 1.2MM Sealed System per USCAR 120-S-002-1-Z02 KEY Option A, Mating Terminals to be Tin Plated. Connection system rated to IPX 4K X 9K.

## RvT Table\*

GE-2133		
Temp. (°C)	Resistance (Ω)	Tolerance (+/-)
-40	332,776	5.95
-20	96,481	4.24
0	32,566	2.71
20	12,486	1.72
25	10,000	1.50
60	2,490	2.84
100	678.1	4.19
120	387.3	4.59
125	339.5	4.69

\*Other resistance and tolerance options are possible.

## Dimensions



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