

## GE Series Fluid Temperature Sensors

The **Thermometrics GE Series Fluid Temperature Sensors** are engineered for automotive, heavy-duty on/off-road vehicles, marine, and industrial applications, delivering outstanding durability and accurate temperature measurement. Their rugged design ensures dependable performance even in the harshest operating environments.

### Features

- Internal environmental seal (connector to shell)
- Fully potted design is highly resistant to severe vibration applications
- Rugged high temperature materials
- Crimpless conductive path for NTC connection
- Pre-applied thread sealant on NPTF versions
- Customized thread and hex sizes possible

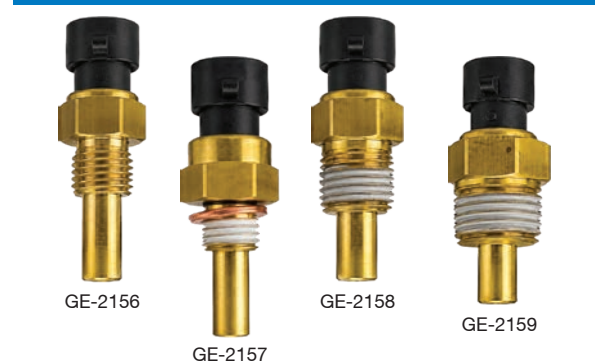
### Applications

- Engine coolant
- Engine oil
- Transmission fluid
- Hydraulic oil
- Gearbox oil
- Liquid cooling systems

#### Group A



#### Group B



### Part Numbers and Specifications

Group A									
Part No.	Thread Size	Sealing Type	Seal Material	O-Ring Size (ID x C/S)	Hex Size (mm)	Tip Length (mm)	Tip Dia. (mm)	Housing Material	Connector Type
GE-942	1/2"-20 UNF	SAE J1926 O-Ring	Not Included	0.41" x 0.07"	19	25.3	7.8	Brass CDA 345	Metri-Pack 150.2, Mushroom Index
GE-1022	M14 x 1.5	ISO 6149 O-Ring	Nitrile, 90 Duro	11.3mm x 2.2mm	19	25.3	7.8		
GE-1067	M14 x 1.5	ISO 6149 O-Ring	Not Included	11.3mm x 2.2mm	19	25.3	7.8		
GE-1330	1/2"-20 UNF	SAE J1926 O-Ring	Not Included	0.41" x 0.07"	19	50.7	7.8		
GE-1337	1/2"-20 UNF	SAE J1926 O-Ring	Not Included	0.41" x 0.07"	19	35.3	7.8		
GE-2093	M14 x 1.5	ISO 6149 O-Ring	Nitrile, 90 Duro	11.3mm x 2.2mm	19	52.0	7.8		
Group B									
GE-2156	M14 x 1.5	M14 Sealing Washer	Not Included	N/A	19	28.6	8.3	Brass CDA 345	Metri-Pack 150.2, Mushroom Index
GE-2157	M12 x 1.5	M12 Sealing Washer	Copper	N/A	19	27.0	8.3		
GE-2158	3/8"-18 NPTF	Pipe Thread	Thread Sealant	N/A	19	28.6	8.3		
GE-2159	1/2"-14 NPTF	Pipe Thread	Thread Sealant	N/A	22.2 (7/8")	28.6	8.3		

# GE Series Fluid Temperature Sensors Specifications

## Group A: GE-942, GE-1022, GE-1067, GE-1330, GE-1337, and GE-2093

### R@25°C

2824 ± 5.00%

### Beta (25/85)

4073K

### Operating Temperature

-40°C to 150°C

### Response Time

≤12 seconds T-to-T 63.2%

### Temperature Accuracy

±0.90°C @ 100°C

### Threaded Shell Material

Brass CDA 345

### Connector Header Material

PEI GF30%

### Connector

Metri-Pack 150.2

Tin plated terminals

### Mating Connector

APTIV (Delphi) 12162193,  
15336004, or equivalent

### Resistance vs. Temperature

Temp. (°C)	Resistance (Ω)	Resistance (±%)	Temp. Tolerance (±°C)
-40	99971	7.64	1.18
25	2824	5.00	1.14
50	990.5	4.22	1.11
85	286.5	3.13	0.99
100	179.9	2.66	0.90
125	88.88	3.22	1.24
150	47.77	3.54	1.53

## Group B: GE-2156, GE-2157, GE-2158 and GE-2159

### R@25°C

2795 ohms ±2.50%

### Beta (25/85)

4073K

### Operating Temperature

-40°C to 150°C

### Response Time

≤12 seconds T-to-T 63.2%

### Temperature Accuracy

±0.56°C @ 25°C

### Threaded Shell Material

Brass CDA 345

### Connector Header Material

PEI GF30%

### Connector

Metri-Pack 150.2

Tin plated terminals

### Mating Connector

APTIV (Delphi) 12162193,  
15336004, or equivalent

### Resistance vs. Temperature

Temp. (°C)	Resistance (Ω)	Resistance (±%)	Temp. Tolerance (±°C)
-40	100865	4.87	0.72
25	2795	2.50	0.56
50	980.3	2.27	0.58
85	283.5	2.00	0.62
100	17.0	2.28	0.76
125	88.3	2.75	1.07
150	47.5	2.90	1.04

# Amphenol Sensors

[www.amphenol-sensors.com](http://www.amphenol-sensors.com)

© 2026 Amphenol Corporation. All Rights Reserved. Specifications are subject to change without notice. Other company names and product names used in this document are the registered trademarks or trademarks of their respective owners.

AS-930-308C 03/20256