

T H E R M O M E T R I C S
A COMMITMENT TO EXCELLENCE
AN AMPHENOL COMPANY

Fluid Temperature Sensors

Developed for automotive, Heavy Duty Off/On Road Vehicles, Marine and Industrial applications, the Thermometrics line of Fluid Temperature Sensors offer exceptional durability and precision. Their robust construction ensures reliable performance in the most demanding applications.

Applications

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



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

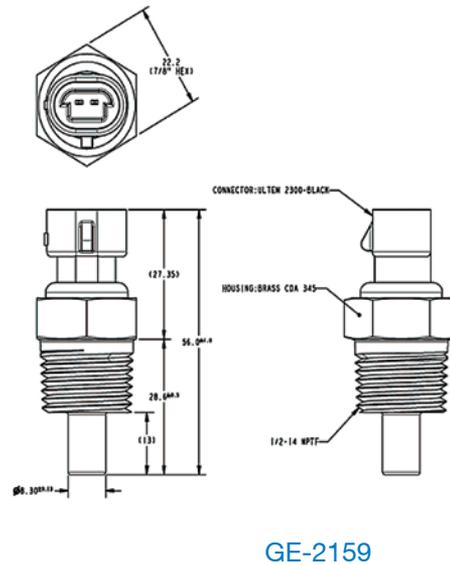
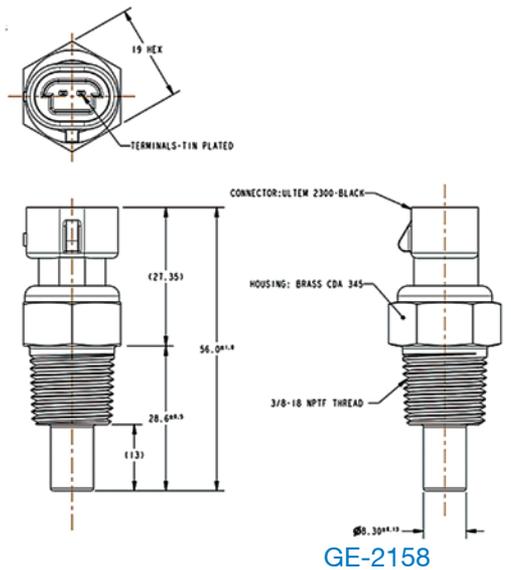
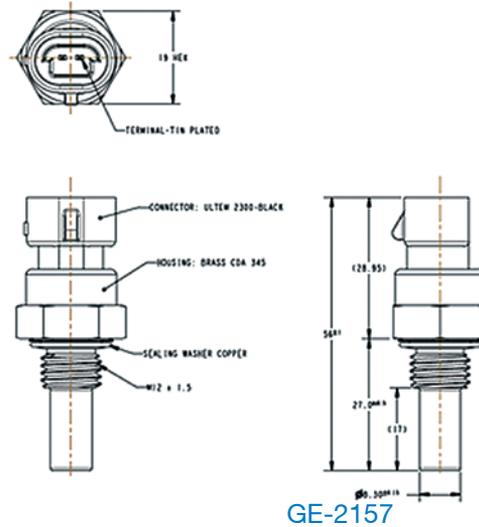
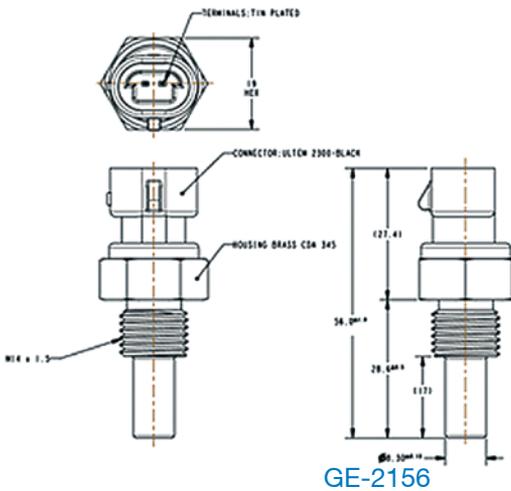
Ordering Options

Part Number	Mounting Threads
GE-2156	M14 x 1.5
GE-2157	M12 x 1.5
GE-2158	3/8-18 NPTF
GE-2159	1/2-14 NPTF

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Fluid Temperature Sensors Specifications

Dimensions



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
±2.77% @ 128°C

Threaded Shell Material
Brass CDA 345

Connector Header Material
PEI GF30%

Connector
Metri-Pack 150.2

Mating Connector
APTIV (Delphi) 12162193 or
15336004

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
125	88.3	2.75	1.04
128	81.7	2.77	1.07
150	47.5	2.90	1.24

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