



For over 60 years, **AMETEK Sensors and Fluid Management Systems** has provided the most accurate, reliable and rugged sensors to engine OEMs around the world.

AMETEK's thermocouple and RTD temperature sensors are designed to meet the highest standards of performance in extreme temperature environments to maximize on-wing time while lowering overall operating costs. All our products can be custom designed to seamlessly integrate into new or existing systems. Typical applications include: Exhaust Gas Temperature, Hydraulic Fluid Temperature, Oil Temperature, and Fuel Temperature.

APPLICATIONS

- Bleed Air Temperature
- Brake Temperature
- Cabin Air Temperature
- Exhaust Gas Temperature (EGT)
- Fuel Temperature
- Hydraulic Fluid Temperature
- Oil Temperature
- Inlet Air Temperature
- Total Air Temperature (TAT)

CURRENT AND PAST PROGRAMS

- A320/A350/A380
- 747/757/767/787
- CF34-10A/-E
- CF6-80C2/-E1
- CFM56-5/-7
- F135
- G500/G600/G650
- Pearl 15
- T700

STANDARDS AND CERTIFICATIONS

Quality System Standard
ISO 9001

Aerospace Quality System Standard
AS 9100

Repair Station Approvals:
EASA (Europe), DGAC (Mexico), FAA (United States), CAAC (China), CAAS (Singapore), TCCA (Canada)

FLUID AND AIR RTD TEMPERATURE SENSORS



- Application-specific design
- Highly-accurate platinum thin-film elements
- Hermetically sealed construction
- Fast response and highest accuracy
- **Accuracy:** $\pm 0.55^{\circ}\text{C}$ at 200°C
- **Temperature:** Up to 260°C

THERMOCOUPLE TEMPERATURE SENSORS



- Type K and Ceramic Matrix Composite (CMC) designs
- Industry leading temperature range and accuracy
- Rugged single crystal alloy design
- Highly vibration and shock resistant
- **Accuracy:** $\pm 1.1^{\circ}$ to 260°C , $\pm 0.4\%$ of point above 260°C
- **Temperature:** -54° to 1350°C