MeMo

Embedded Engine Memory (for high-temperature environment)

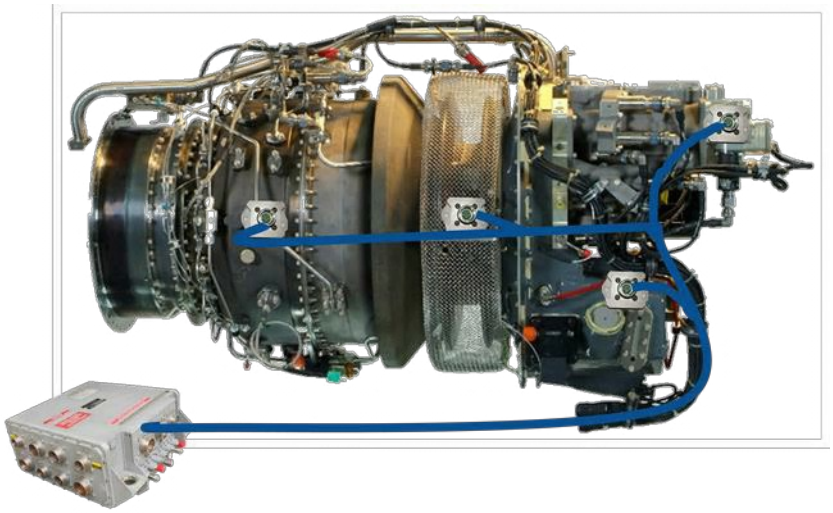
aece group

MeMo is an embedded memory device for engine equipment. MeMo can be mounted on all type of equipment requiring maintenance follow-up (actuators, pumps…), with high temperature environment.

The device is configured based on the type of equipment associated with specific parameters (part identification, conformation/calibration data, configuration date, runtime…) and is connected to the engine controller through the CAN bus.

Benefits

- Decentralization of engine equipment data recording (memory attached to the equipment)
- Modular, reconfigurable and can be re-deployed on several engine architecture
- Better traceability of SRU equipment
- CAN bus communication with the ECU
- Easy integration within the engine cell (Miniature format)
- Low power consumption
- Suitable for harsh environment (high temperature)



Range of application

- **Civil and Military Aerospace**
  Helicopter, aicraft, fighter, drones…
- **Industrial systems in harsh environment**
  ATEX, Nuclear, Oil & Gas, Sub-naval…

Technical features

- Dimensions : 55 x 39 x 33mm³
  (connector included)
- Weight : < 100g
- Operating temperature : -60°C to +150°C
- Do160G compliance
  Operational Shocks & Crash Safety, Vibrations, Humidity, Temperature variations, Lightning/EMC
- Reliability : > 20.000 Flight Hours
- Communication : multi node CAN bus
- Low consumption : < 30 mA
- Upgradeability :
  - Voltage range
  - Communication protocol and bus

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