

AllClear Digital Fuel Quantity Measurement Solution (DFQMS)[™] For C-130 Aircraft

AMETEK[®]
AEROSPACE & DEFENSE
SENSORS & FLUID MANAGEMENT SYSTEMS



Test Equipment



Fuel Quantity Probe



Transient Suppression Unit



Fuel Quantity Indicator

BENEFITS

Long term sustainment, maintainability, and cost saving system



82%
Decrease In
Component
Failures



73%
Reduction
In Manhours



72%
Reduction
In Material Cost

*Decrease/Reduction over 5 year period; data varies based on aircraft flight hours

FEATURES

- » FAA Certification
- » Complete aircraft wiring harness replacement
- » Replaces all existing C-130 FQIS Systems
- » Robust signal “active capacitance”
- » Improved troubleshooting, fault isolation, and system test capability
- » Long-term accuracy
- » Does not require shield wiring, saves weight
- » Safety against stray signals and voltages
- » Easy to maintain with OEM test box
- » Each probe has built-in test circuitry to identify faults easily and accurately



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