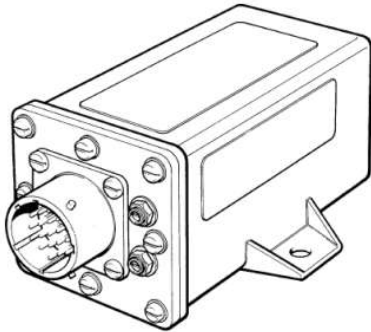


FUEL GAUGING AMPLIFIER

HAWK AIRCRAFT



The FUEL GAUGING AMPLIFIER unit provides a drive signal to the capacitance type tank units in the fuel tanks & receives in return a current signal proportional to the capacitance of the tank units.

This capacitance is directly proportional to the quantity of fuel in the tanks. The output from the amplifier is a d.c. current, directly proportional to fuel contents, which is applied to moving coil indicators calibrated in terms of fuel quantity.



Power supply: 28 Volts DC (16 to 29V DC).
 Power consumption: 5 Watts (Appx).
 Input impedance : 5 K Ohms (min.)
 Dimensions: 94mm(L), 50mm(W), 50mm(H)
 Mass: 300 grams ±10%.
 Connector: MIL-DTL-26482 Series II Bayonet-Lock Connector.
 Aluminum to Spec: 6061 T651 or equivalent.
 Finish: Black Anodizing, MIL-A-8625 Rev F



MIL-HDBK-217F
 MIL-STD- 810 D/E
 MIL 461 E/F
 MIL 704D
 JSS 55555.

Under Qualification Stage.



SYSTEMS AIDS

An ISO 9001:2008 Company