

AC Fuel Quantity Specifications

| INSULATION MEASUREMENT | 2548H | 8000 | AC2K | DFQ40K |
|------------------------|------------------------------|------------------------------|------------------------|--|
| Range | 50KΩ to 50MΩ 5 to 5,000MΩ | 50KΩ to 50MΩ 5 to 5,000MΩ | 0 to 2,000MΩ | 40MΩ, 400MΩ, 4,000MΩ, 20GΩ |
| Resolution | Scaled | Scaled | 1MΩ | 0.01MΩ, 0.1MΩ, 1MΩ, 0.1GΩ |
| Accuracy | ±5% nom ±2% FS max. | ±5% nom ±2% FS max. | ±5% FS | ±5% ±5 counts (±10% ±0.5GΩ 20GΩ) |
| Excitation | 10 VDC nom. 50nA max. | 10 VDC nom. 50nA max. | 4nA nom. 6 VDC max. | 100nA, 10nA, 1nA, 200pA nom. 5VDC max. |

| CAPACITANCE MEASUREMENT | 2548H | 8000 | AC2K | DFQ40K |
|-------------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| Range | 999.9 pF | 7,999.9 pF | 1,999 pF | 400pF, 4,000pF, 40,000pF |
| Resolution | 0.1 pF | 0.1 pF | 0.1 pF | 0.01pF, 0.1pF, 1pF |
| Accuracy | ±0.1% ±0.2 pF | ±0.1% ±0.2 pF | ±0.1% ±0.2pF | ±0.1% ±2 counts |
| Signal | 400Hz at 5.7V nom. | 400Hz at 5.8V nom. | 781Hz at 2.0V nom. | 400 to 10kHz at 2.0V nom. |

| CAPACITANCE SIMULATION | 2548H | 8000 | AC2K | DFQ40K |
|------------------------|---------------|-----------------|------------------|-----------------|
| Tank range | 0 to 999.9 pF | 0 to 7,999.9 pF | 10 to 1,999.9 pF | 10 to 10,000pF |
| Compensator range | 10 to 400 pF | 10 to 400 pF | 10 to 400 pF | 10 to 1,000pF |
| Resolution | 0.1 pF | 0.1 pF | 0.1 pF | 0.1pF |
| Accuracy | ±0.1% ±0.2 pF | ±0.1% ±0.2 pF | ±0.1% ±0.2 pF | ±0.1% ±3 counts |

| MONITOR | | 2548H | 8000 | AC2K | DFQ40K |
|------------|------------|-------|------|------|-----------------------------------|
| Resistance | Range | --- | --- | --- | 40Ω, 400Ω, 4,000Ω, 40,000Ω |
| | Resolution | --- | --- | --- | 0.001Ω, 0.01Ω, 0.1KΩ, 1KΩ |
| | Accuracy | --- | --- | --- | ±0.1% ±2 counts (±5 counts 2W) |
| Voltage | Range | --- | --- | --- | 40VDC |
| | Resolution | --- | --- | --- | 0.001 VDC |
| | Accuracy | --- | --- | --- | ±0.1% ±0.002VDC |
| Indicator | Range | --- | --- | --- | 1200μA |
| | Resolution | --- | --- | --- | 1 μA |
| | Accuracy | --- | --- | --- | ±0.1% ±2 μA |

| POWER | 2548H | 8000 | AC2K | DFQ40K |
|----------------|--------------------------------------|---------------------------|--------------------------------------|-------------------|
| Batteries | 4 each 9V | 4 each 9V | 10 each 1.5V "AA" | 6 each 1.5V "C" |
| External power | 115V or 230V 50-400Hz Optional | 115V or 230V 50-400Hz* | 115V or 230V 50-400Hz Optional | 28VDC Optional |

* 115 V or 220 V power supply can be substituted for the standard battery pack.
Specifications subject to change

AIRCRAFT MAINTENANCE REPAIR OVERHAUL & SUPPORT

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