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AC Fuel Quantity Specifications

INSULATION MEASUREMENT	2548H	8000	AC2K	DFQ40K
Range	50K Ω to 50M Ω 5 to 5,000M Ω	50K Ω to 50M Ω 5 to 5,000M Ω	0 to 2,000M Ω	40M Ω , 400M Ω , 4,000M Ω , 20G Ω
Resolution	Scaled	Scaled	1M Ω	0.01M Ω , 0.1M Ω , 1M Ω , 0.1G Ω
Accuracy	$\pm 5\%$ nom $\pm 2\%$ FS max.	$\pm 5\%$ nom $\pm 2\%$ FS max.	$\pm 5\%$ FS	$\pm 5\%$ ± 5 counts ($\pm 10\%$ ± 0.5 G Ω 20G Ω)
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	$\pm 0.1\%$ ± 0.2 pF	$\pm 0.1\%$ ± 0.2 pF	$\pm 0.1\%$ ± 0.2 pF	$\pm 0.1\%$ ± 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	$\pm 0.1\%$ ± 0.2 pF	$\pm 0.1\%$ ± 0.2 pF	$\pm 0.1\%$ ± 0.2 pF	$\pm 0.1\%$ ± 3 counts

MONITOR		2548H	8000	AC2K	DFQ40K
Resistance	Range	---	---	---	40 Ω , 400 Ω , 4,000 Ω , 40,000 Ω
	Resolution	---	---	---	0.001 Ω , 0.01 Ω , 0.1K Ω , 1K Ω
	Accuracy	---	---	---	$\pm 0.1\%$ ± 2 counts (± 5 counts 2W)
Voltage	Range	---	---	---	40VDC
	Resolution	---	---	---	0.001 VDC
	Accuracy	---	---	---	$\pm 0.1\%$ ± 0.002 VDC
Indicator	Range	---	---	---	1200 μ A
	Resolution	---	---	---	1 μ A
	Accuracy	---	---	---	$\pm 0.1\%$ ± 2 μ A

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