

Precision FP Specs

HARDWARE SPECIFICATIONS	Voltage Test 10	High Voltage Limit N/A	External Sensor Channels 1	Independent Voltage Sources 1					
MEASUREMENT SPECIFICATIONS	DRIVE DAC 16 bits	Output Voltage Resolution 305 μ V	Min Pulse Width 50 μ s	Min Rise Time @ 5V 40 μ s	Maximum Fatigue Frequency 5KHz	External Fatigue No	Peak Output Current 50mA	Max Hysteresis Frequency 2KHz	Min Hysteresis Frequency 10s
System Ranges:									
SYSTEM HARDWARE	RETURN ADC 16 bits	Integrator Voltage Range 1V	Sense Capacitors 1.11nF, 10pF	Maximum Amplification 1	Minimum Amplification 1				
MINIMUM RESOLUTION	Integrator Voltage Divisions 65536	Minimum Voltage Resolution 305 μ V	Minimum Sense Cap Charge 0.31fC	Correction for Amplification 0.31fC					
MAXIMUM MEASURABLE CHARGE	Maximum Voltage Resolution 1V	Maximum Sense Cap Charge 1.11nC	Correction for Amplification 1.11nC	Range with Precision 10KV HVI N/A					