

## B8986 High Level Voltage Specifications <sup>1</sup>

<b>Input</b>	Type	Single-ended
	Connector	Lemo 5 pin 0B panel socket wit input & power
	Power	±15V at 30mA Max for external conditioners
<b>Input Impedance</b>	1GΩ	
<b>Sensitivity</b>	±2, 5 & 10V	
<b>Bandwidth</b>	>80kHz	
<b>External Power</b>	±15V at up to 30mA is available for powering external conditioners	
<b>Sensor Backoff</b>	Manual front panel backoff adjustment, software backoff adjustment and auto-zero function with enable/disable control over ±0-10V range. Two balance LEDs with software adjustable levels for balance/alarm indication.	
<b>Calibration</b>	User adjustable voltage step via front panel switch.	
<b>Anti-aliasing Filter Type</b>	8 pole switched capacitance + guard filter Butterworth (Bessel or Elliptic optional)	
<b>Mode</b>	AC, DC, Bypass & Channel Zeroed	
<b>Frequency</b>	1, 2, 5, 10, 20, 50, 100, 200, 500Hz, 1, 2, 5, 10 & 20KHz Variable option.	
<b>Frequency Reference</b>	Accuracy 0.01%	
<b>Gain Vs Fo</b>	0.50 Fo	-0.02 dB
	1.00 Fo	-2.7 dB
	2.00 Fo	-48 dB
	4.00 Fo	-78 dB
<b>Main Output</b>	Voltage	±10V peak to peak
	Type	Single ended
	Connections	Output connector or A/D via rack's motherboard.
<b>Monitor Output</b>	Via miniature front panel mounted Coax connectors.	
<b>Monitor LEDs</b>	High/Low indicator LEDs, operating on output and progammable over ±10V range to indicate balance, overload or other output levels.	

<sup>1</sup> Specification subject to change without notice