

Fluke PM2832 Specifications

60V-2A-120W Readback specification Linear Power Supplies PM2831, and PM2832									
Accuracy (at calibration temperature)	Voltage: 0.05 % + 15 mV Current(+ and -): 0.05 % + 1 mA								
Resolution to interface	(12 bit) Voltage: 15 mV Current: 0.5 mA								
Resolution to display	(12 bit) Voltage: 10 mV Current: 1 mA								
Remote Sense	<table border="1"> <tr> <td></td> <td>></td> </tr> <tr> <td></td> <td>1V/Lead</td> </tr> <tr> <td>Maximum allowable voltage drop per lead:</td> <td>1v</td> </tr> <tr> <td>Output voltage above programmed voltage when sense is open:</td> <td>≤ 1V</td> </tr> </table>		>		1V/Lead	Maximum allowable voltage drop per lead:	1v	Output voltage above programmed voltage when sense is open:	≤ 1V
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Dynamic Operation	Load transition (@ $di/dt = 5 \text{ A}/\mu\text{s}$): I = 0.5A to 1.5 A Settling band (0.1% of range): 60 mV Overshoot: 100 mV Recovery time: 100 μs								
Programming response	(Maximum Rise and Fall times for the output to change from 10% to 90% or 90% to 10% of its total excursion) $T_{\text{rise}}/T_{\text{fall}}$ no load: 500 μs $T_{\text{rise}}/T_{\text{fall}}$ with load (50%): 1 ms @ load 1A								
Source/sink switching time	Source to sink: 1 ms Sink to source: 1 ms Source to sink level: 0.6V Hysteresis: 150 mV								
Reprogramming delay	Range: 0 ms to 60s Resolution: 1 ms Default: 1 ms								