

PART NUMBER  
SPEC-AOMI

Specifications

AOMI ANALOG OUTPUT MODULE 1

Output channels: 5

Output ranges:  $\pm 2.5V$ ,  $\pm 5V$ ,  $\pm 10V$ , 0 to +5V, 0 to + 10V, switch selectable for each channel

Resolution: 12 bits, 1 part in 4096

Nonlinearity:  $\pm 0.012\%$  of F.S. ( $\pm 1/2$  lsb) max

Output impedance: 0.1 ohms

Load characteristics: 5k ohm min, 1000pf max  
short circuit protected

Slew rate. 15 V/us


Settling time: 5us to 0.01% of full scale transition

Temperature Coefficient.

Gain: 0.0016%/°C of F.S., unipolar ranges  
0.0023%/°C of F.S.\*, bipolar ranges

Offset: 0.0006%/°C of F.S., unipolar ranges  
0.0010%/°C of F.S.\*, bipolar ranges

\* Full scale for bipolar ranges is defined as  $-V_{F.S.}$  to  $+ V_{F.S.}$

LTR	REVISIONS	APP.	DATE	DRN.	DATE	 Keithley Instruments Inc. Cleveland, Ohio 44139
A	RELEASED PART		11-83	CKD.	DATE	
				APP.	DATE	
				SPECIFICATIONS		PART NUMBER
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