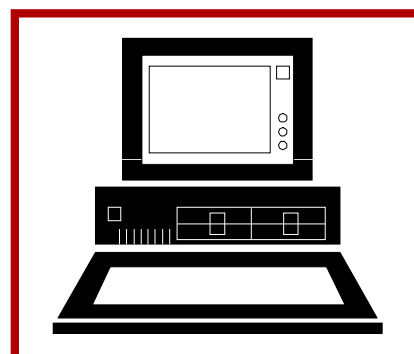
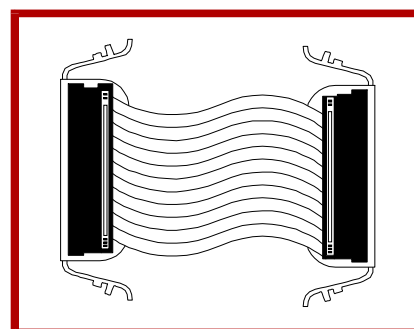
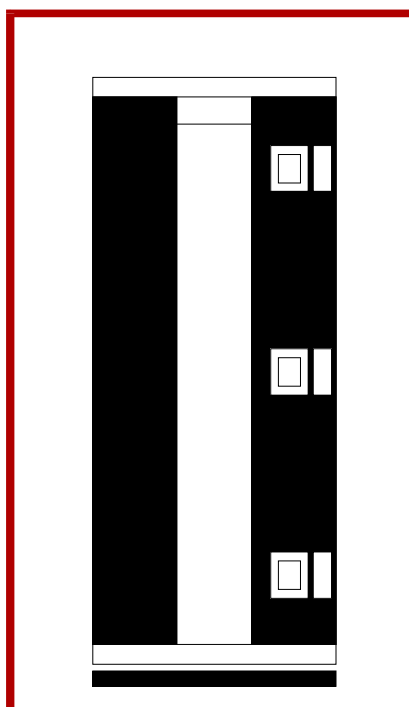
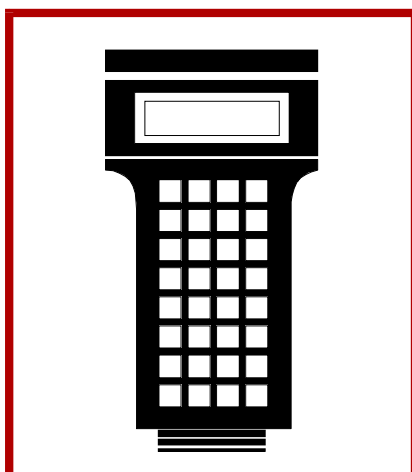
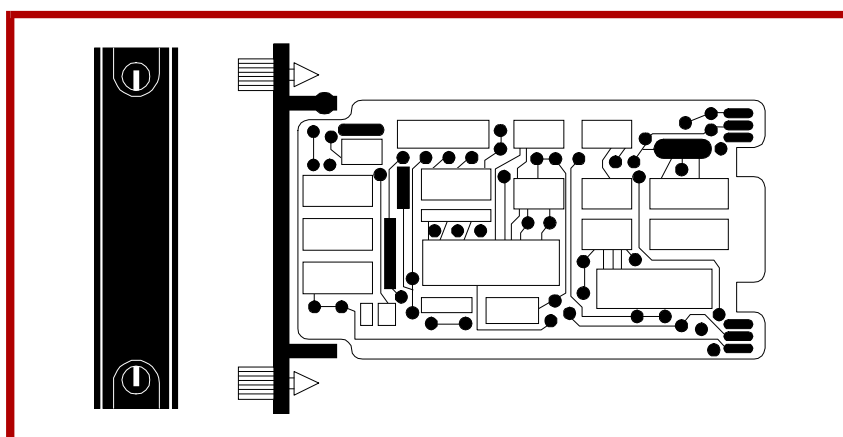
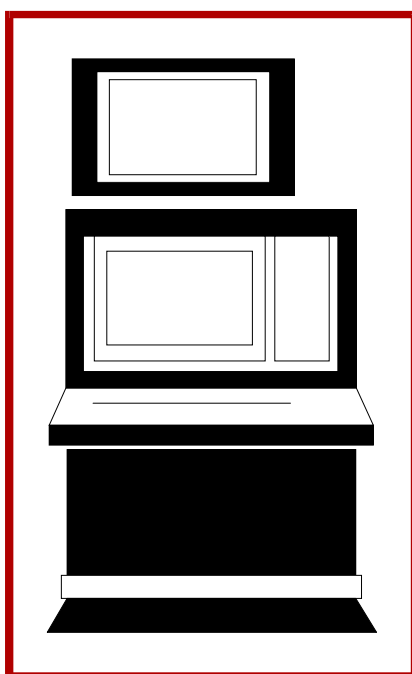


E96-205

Bailey®
infi 90

Instruction

Analog Master Module and Analog Slave Modules (IMAMM03 and IMASM01/02/03/04)



IMAMM03 (continued)	
Accuracy (at 25°C (77°F)) (continued)	
Not including slave accuracy	±0.01% of span (typical) ±0.025% of span (maximum)
Including slave accuracy	
IMASM01	0.1% of allowable input span
IMASM02/03/04	0.05% of 200 mV input span using an external calibration source.
IMASM02/03/04	0.05% of 200 mV input span using an external calibration source.
IMASM02/03/04	0.125% of 200 mV input span using the internal calibration source
Cold Junction Accuracy	0.5°C (0.9°F)
Aging Effect	0.025%/year
Temperature Effect	±0.00035%/°C (±0.00019%/°F)
A/D Resolution	16 bits
Guaranteed Linearity	15 bits
Cross Talk	
With IMASM01	-100 db (typical), -65 db (minimum)
With IMASM02/03/04	-85 db (typical), -65 db (minimum)
IMASM01	
Power Requirements	
Voltage	+5 VDC (±5%) +15 VDC (-2.5%, +5%) -15 VDC (+2.5%, -5%)
Current (maximum)	110 mA (+5 VDC) 80 mA (+15 VDC) 40 mA (-15 VDC)
Power Dissipation (maximum)	0.055 watts (+5 VDC) 1.2 watts (+15 VDC) 0.06 watts (-15 VDC)
Inputs	
Voltage	16 high level 1 to 5 VDC 0 to 5 VDC -10 to +10 VDC 0 to +10 VDC
Current	4 to 20 mA
Resistance	>1 Mohm
Normal mode rejection	-60 db at 60 HZ
Common mode voltage	±5 V
Common mode rejection	-50 db at 60 HZ
Termination	NTAI05, NIAI04