

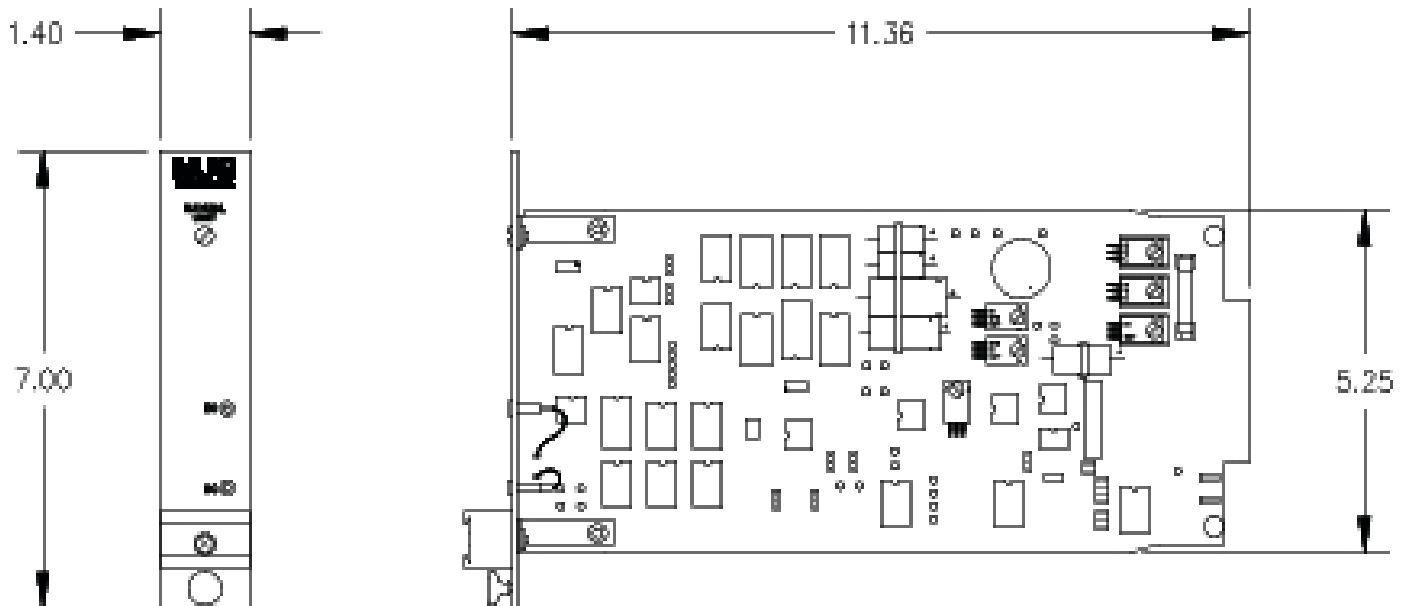
MAN2000-722 Manual Unit

The MAN2000-722 Manual Unit replaces the obsolete Bailey Type 722 manual unit while retaining the functions of the Bailey unit, and is available in a Nuclear Qualified model.

The MAN2000-722 performs the functions of the manual portion of a standard controller. The output of 1 V to 5 V or 4 mA to 20 mA is controlled by a tracking input, up-down push buttons, or computer-actuated contact closures. The primary function of the MAN2000-722 is to facilitate “bumpless” transfer from automatic control to manual control, or vice-versa.



MAN2000-724



NUSI 2000 Series

Manual Unit

SPECIFICATIONS

Input Signals:	Open/Close contact closures from computer
	1 V to 5 Vdc tracking reference signal
	±12 Vdc Open/Close push button signals from M/A station
	+24 Vdc load switch command signal
	+24 Vdc tracking switch signal
Output Signals:	Fixed output 1 V to 5 Vdc into 1500 Ω (minimum)
	Switched output 4 mA to 20 mA into 0 Ω to 750 Ω and 1 V to 5 Vdc into 5 kΩ (min.)
Accuracy (at 24 Vdc input, 80 °F):	Tracking: 0.1%
Manual Stability:	(8 hr) < ±0.5%
Manual Response:	Normal response: 50 seconds ±10 seconds for output change from 1 V to 4 Vdc
	Fast Response: 5 seconds ±1 second for output change from 1 V to 4 Vdc
Tracking Response:	0.5 second ±0.01 second for output change from 1 V to 4 Vdc
Input Resistance:	> 1 MΩ at direct current
Power Supply Voltage:	≤ 0.2 A @ 24 Vdc ±4 Vdc (20 V to 28 Vdc operative limits)
Operating Influence:	Supply Voltage: 24 Vdc ±2 Vdc (±0.1%)
Ambient Temperature:	40 °F to 120 °F (5 °C to 49 °C) (normal operation)
	0 °F to 140 °F (−18 °C to 60 °C) (operative limits)
	−70 °F to 180 °F (−57 °C to 82 °C) (storage)
EMI/RFI Protection:	EPRI report TR-102323, Rev. 2
Seismic Qualification:	NUS Instruments Composite Required Response Spectra (RRS)
Dimensions:	1.4 in x 7 in x 11.5 in
Weight:	Rack-mounted: < 1 lb
Mounting:	Bailey Type 761 Rack Unit
Legend:	Legend plate holder is integral with the withdrawal handle

For more information please request a
Manual Unit Operation & Maintenance Manual.

CONTACT INFORMATION:

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