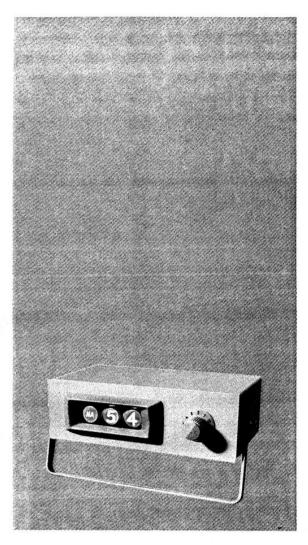


An industry first from **IEE** A single-plane Vacuum Tube Readout • Digital displays, unsurpassed in brightness and clarity • Projected onto a fluorescent screen from a 10 Gun CRT • Easily viewed under direct sunlight • Ideal under any ambient light conditions • Powerless control grid switching • Extremely low power consumption (Approx. 300 Milliwatts) • Small grid control swing • Exceptionally wide viewing angle • Continuous brightness control under simple external circuitry (up to 500 FL) • No external focusing means required • The ultimate for your readout application.



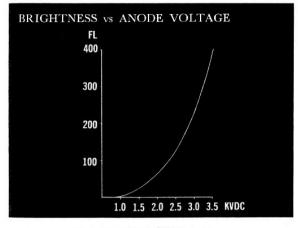
APPLICATION

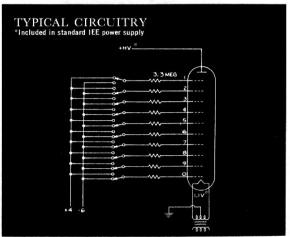
The IEE Vacuum Tube Readouts have extensive applications, from Elevators through Electronic Instrumentation, in addition to sophisticated system and Missile Count Down Display requirements. Designed, produced and manufactured under optimum conditions its operational performance is one of utmost versatility and dependability.

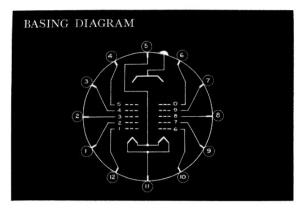
Typical applications include:

Digital Voltmeters
Digital Clocks
Frequency Counters
Computer Console Readouts
Aircraft Displays
Indicators
Oscilloscopes
Tachometers
Flight Simulators
Medical Electronic Devices
Teaching Machines
Stock Quotation Displays
Flowmeters

ELECTRICAL CHARACTERISTICS







TERMINAL CONNECTION

Pin 1Number	Pin 7Number 9
Pin 2Number	
Pin 3 Number	Pin 9Number 7
Pin 4 Number	Pin 10Number 6
Pin 5 Filament	Pin 11Filament
Pin 6Number	Pin 12Number 1

ENVIRONMENTAL CHARACTERISTICS

Vibration 10-50-10 cps at .06" D.A. x1, x2 & x3 axis. Life..... Estimated to be 10,000 hours at 100 FL (testing incomplete)

POWER SUPPLY

IEE has standard power supplies available which supply all filament and anode voltage.

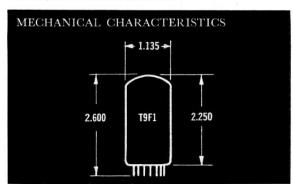
Specifications are:

Other Input Voltages available upon request. Standard P/S Designed for Max. of 10 Tubes.

*Either fixed for normal brightness or variable.

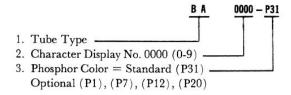
MOUNTING HARDWARE

Standard mounting hardware for assemblies of 1-10 units is available from IEE; and all parts required for a given assembly are available in kit form.



Operating positionAny
Envelope
Base
Anode connection Side Button
Socket
Max. outside diameter
Max. overall length
Seated height

ORDERING INFORMATION



PRICING INFORMATION

The following pricing is for the Standard IEE Vacuum Tube Readout Model #BA-0000-P31. The standard model projects the digits 0 thru 9 which are green in color and 3/8" high. Other color options are available at no extra cost. Contact the factory for other standard character sets. If a new character mask is desired, a set-up charge is required on your first order.

VACUU	M TUBE	variable power s Each power supp	SUPPLY nent transformer and upply.) Please note: ly is capable of driv- cuum tube readouts.
Qty.	Price Per Tube	Qty.	Price Per Power Supply
1-9	\$20.00	1-9	\$18.00
10-24	18.50	10-24	16.00
25-49	17.50	25-49	14.50
50-99	16.50	50-99	13.50
100-249	15.75	100-249	13.25
250-499	15.00	250-499	13.00
500-999	14.50	500-999	12.75
1000-Over	14.00	1000-Over	12.50

TUBE MOUNTING HARDWARE		BEZEL ASSEMBLY		
		Size	Price	
(Consists of mounting hard- ware and socket)	1 to 4 units	\$ 5.00		
	5 to 8 units	\$ 7.50		
Qty.	Price Per Readout	9 or 10 units	\$10.00	
and Over	\$2.00			

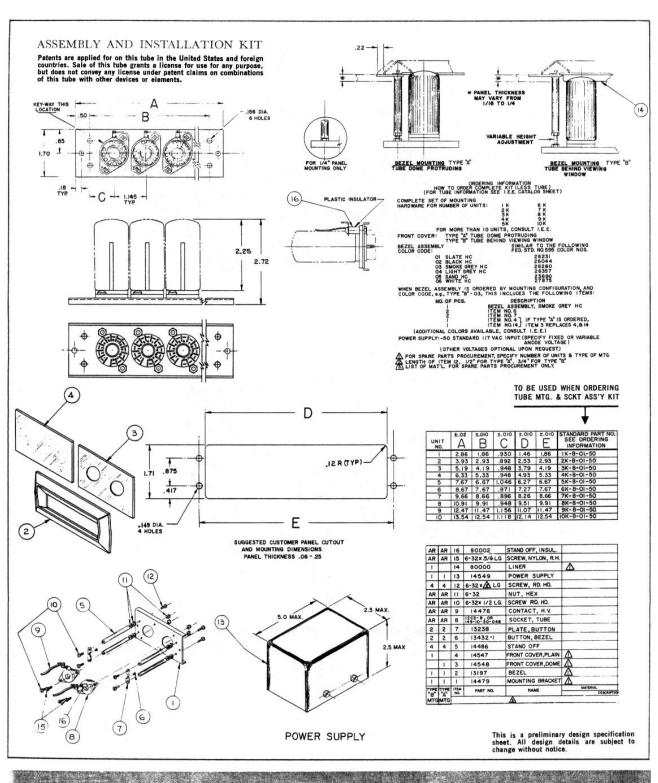
QUANTITY DISCOUNTS ON EXTENDED SHIPMENTS

- 1. To break an order down into more than one shipment, the order must total 100 or more display units.
- 2. Each shipment must equal at least 10% of total order or 25 units (whichever is larger).

 3. Shipments on a particular order must be completed
- within 12 months from receipt of order.
 4. Quantity orders cancelled before completion will be billed at prices based on the price schedule for the number of displays actually shipped.

TERMS AND CONDITIONS

- 1. MINIMUM BILLING \$5.00.
- 2. F.O.B. All prices F.O.B. our plant, Van Nuys, California.
- TERMS ½ of 1% 10 days; net 30 days.
 DELIVERY For standard displays, 60 days depending upon quantity.
- 5. RETURN OF GOODS -- Positively no products may be returned without factory authorization. All claims must be made within 10 days after receipt of goods.
- 6. All prices subject to change without notice.





Industrial Electronic Engineers, Inc.

7720 Lemona Avenue, Van Nuys, California 91405 Phone: (213) 787-0811 TWX (910) 495-1707