

VALVE ELECTRONIC

CV1992

GENERAL POST OFFICE: E-IN-C (S)

Specification: GPO/CV1992/Issue 1. Dated: November, 1953 To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u>	<u>Valve</u>
	Unclassified	Unclassified

→ indicates a change

<u>TYPE OF VALVE:</u> Gas-filled triode <u>CATHODE:</u> Cold <u>ENVELOPE:</u> Glass <u>PROTOTYPE:</u> 1267		<u>MARKING</u> See K 1001/4		
		<u>BASE</u> I,O.		
<u>RATING</u>		Note	Pin	Electrode
Max. anode voltage ($V_g = 0$) (V) 225 Min. grid voltage for ignition (V) 100 Max. grid voltage before ignition (V) 70 Grid-cathode burning voltage (V) 60 Anode-cathode burning voltage (V) 70 Max. peak cathode current (mA) 100 Max. mean cathode current (mA) 25	A		1	No connection
	B	2	Cathode	
		3	No connection	
		4	No pin	
		5	Anode	
		6	No pin	
		7	Grid	
		8	No connection	
		<u>DIMENSIONS</u> See K 1001/A1/D1		
		Dimension	Min.	Max.
		A mm	-	99
		B mm	-	30.6
Note A. At higher anode voltages ignition may take place at $V_g = 0$. B. Maximum averaging time = 15 secs.				

	Test Condition					Test	Limits		No. tested	Note
	Va (V)	Vg (V)	Ig (μ A)	Ra (ohms)	Rg (ohms)		Min.	Max.		
a	0	Read	-	3K	50K	Grid voltage (V)	73	93	100%	1
b	140	Adjust	Read	3K	2M	Condition (μ A)	-	100	100%	2
c	Adjust	0	-	3K	50K	VA Forward (V)	225	-	100%	3
d	225	95	-	3K	50K	Anode-cathode voltage(V)	-	76	100%	4

NOTES

1. Grid voltage to be changed in a positive direction until the valve starts to conduct..
2. The valve must conduct before max. grid current is reached.
3. The valve must not conduct at or below this value.
4. Allow tube to conduct for at least 1 second before reading.