

VALVE ELECTRONIC **CV1661**GENERAL POST OFFICE: E-IN-C (S)

(POVT 85)

Specification: <b>G.P.O./CV1661/Issue 1</b> Dated: <b>18.11.48</b> To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u> <b>Restricted</b>	<u>Valve</u> <b>Restricted</b>

-----&gt; indicates a change

<u>TYPE OF VALVE:</u> <b>Triode</b> <u>CATHODE:</u> <b>Indirectly heated</b> <u>ENVELOPE:</u> <b>Unmetallised glass</b> <u>PROTOTYPE</u> <b>DL</b>		<u>MARKING</u> <b>See K1001/4</b>			
<u>RATING</u>		Note	<u>PASE</u> <b>British 5-pin (B5)</b>		
Heater current (A) 0.25 Nominal heater voltage (V) 16.0 Max. anode voltage (V) 200 Amplification factor 12.0 Mutual conductance (mA/V) 4.5 Anode impedance (ohms) 2680			<u>CONNEXIONS</u>		
			Pin	Electrode	
		A	1	Anode	
		A	2	Grid	
		A	3	Heater	
		A	4	Heater	
			5	Cathode	
			<u>DIMENSIONS</u> <b>See K1001/A1/D1</b>		
			Dimension	Min.	Max.
			A (mm)	-	127
			B (mm)	-	51
This valve type is obsolete and this specification is for record purposes only.		<u>NOTE</u> A. Measured with $V_a = 200$ , and $V_g = -8$			

To be performed in addition to those applicable in K1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	Ih(A)	Va	Vg		Min.	Max.		
(a)	0.25	-	-	Vh (V)	14.0	18.0	100%	
(b)	0.25	200	-8	Reverse Ig ( $\mu$ A)	-	3.0	100%	
(c)	0.25	200	-8	Ia (mA)	17.5	32.5	100%	
(d)	0.25	200	-8	gm (mA/V)	3.0	-	100%	