

VALVE ELECTRONIC**CV1282**

(NR65)

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1282/Issue 4. Dated:- 30.10.46. To be read in conjunction with K1001	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u> Restricted</td><td><u>Valve</u> Unclassified</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u> Restricted	<u>Valve</u> Unclassified
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<u>TYPE OF VALVE:-</u> H.F. Pentode.			<u>MARKING</u>		
<u>CATHODE:-</u> Indirectly heated.			See K1001/4.		
<u>ENVELOPE:-</u> Glass-metallised.					
<u>PROTOTYPE:-</u> AC/S2 Pen, MSP4.			<u>BASE</u>		
			B7		
			See K1001/AIV/D5.3		
<u>RATING</u>			<u>Note</u>		
Heater Voltage (V)	4.0	A	Pin	Electrode	
Heater Current (A)	1.0		1	M	
Max. Anode Voltage (V)	250		2	G1	
Max. Screen Voltage (V)	100		3	G3	
Mutual Conductance (mA/V)	5.5		4	H	
			5	H	
			6	C	
			7	G2	
			TC	A	
<u>CAPACITANCES (pF.)</u>					
Ca-all	8.25				
Cg-all	12.75				
<u>NOTES</u>			<u>TOP CAP</u>		
A. At $V_a = 200$ V, $V_{g2} = 100$ V, $V_g = 0$, $V_{g3} = 0$.			See K1001/AI/D5.1		
			<u>DIMENSIONS</u>		
			See K1001/AI/D1		
			Dimension	Min.	Max.
			A mm	-	130
			B mm	-	45
			<u>PACKING</u>		
			See K1001/7		

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions					Test	Limits		No. Tested
	Vh (V)	Va (V)	Vg2 (V)	Vg3 (V)	Vg1 (V)		Min.	Max.	
a	4.0	-	-	-	-	Ih (A)	0.9	1.1	1%
b	4.0	200	100	0	-2	gm (mA/V)	2.6	-	100%
c	4.0	200	100	0	-2	Ia (mA)	4.1	8.9	100%
d	4.0	200	100	0	-2	Reverse Ig1 (μ A)	-	1.5	100%