

VALVE ELECTRONIC CV 1707

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

(POVT 158)

Specification: G.P.O./CV 1707/Issue 1 Dated: 6-8-46 To be read in conjunction with K 1001	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;"><u>SECURITY</u></th> </tr> <tr> <td style="text-align: center;"><u>Specification</u></td> <td style="text-align: center;"><u>Valve</u></td> </tr> <tr> <td style="text-align: center;">Restricted</td> <td style="text-align: center;">Restricted</td> </tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	Restricted	Restricted
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<div style="border: 1px solid black; padding: 5px; width: fit-content;"> This valve type is obsolete and this specification is for record purposes only. </div>	<p style="text-align: center;"><u>NOTE</u></p> <p style="text-align: center;">A. Measured with $V_a = V_{g2} = 250$, and $V_{g1} = -16.5$</p>																																																												

CV1707

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS					TEST	LIMITS		No. Tested	Note
	Vh	Va	Vg1	Vg2	Vg3		Min.	Max.		
(a)	2.5	-	-	-	-	I _f (A)	1.55	2.16	100%	1
(b)	2.5	250	-16.5	250	-	Reverse I _{g1} (μA)	-	1.0	100%	1
(c)	2.5	250	-16.5	250	-	I _a (mA)	25.0	43.0	100%	1
(d)	2.5	250	-16.5	250	-	I _{g2} (mA)	3.6	8.4	100%	1
(e)	2.5	250	-15.5 -17.5	250	-	g _m (mA/V)	2.0	-	100%	1
(f)	2.5	250	-33	250	-	I _a (cut-off) (μA)	-	10.0	100%	1

NOTE

- Before commencing the tests, the valve shall be pre-heated for 10 minutes, the heater voltage being adjusted to 2.5 volts with all other electrodes disconnected.