

ADMIRALTY SIGNAL ESTABLISHMENT

VALVE ELECTRONIC **NGT4**  
**CV1143**

(Original A.P.No. was W614).

<p><u>Specification :-</u> 5562, Issue No. 1, Dated 19th October, 1944.  To be read in conjunction with K1001.</p>	<p><u>SECURITY</u></p> <table border="1"> <tr> <td style="text-align: center;"><u>Specn.</u></td> <td style="text-align: center;"><u>Valve.</u></td> </tr> <tr> <td style="text-align: center;">Open.</td> <td style="text-align: center;">Open.</td> </tr> </table>	<u>Specn.</u>	<u>Valve.</u>	Open.	Open.
<u>Specn.</u>	<u>Valve.</u>				
Open.	Open.				

<p><u>TYPE OF VALVE :-</u> Argon-filled gas discharge triode. <u>CATHODE :-</u> Indirectly Heated. <u>ENVELOPE :-</u> Glass. <u>COMMERCIAL PROTOTYPE :-</u> GT1A.</p>	<p><u>MARKING</u></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>NGT4 CV1143</p> </div>
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<u>RATING</u>	Note	<u>BASE</u>	
		B5	
		Pin	Electrode
Heater Voltage (V)	4.0	1	Anode
Heater Current (A)	1.3	2	Grid
Max. Peak Anode Voltage (V)	300	3	Heater
Max. Peak Anode Current (A)	0.6	4	Heater
Anode-Cathode Voltage Drop (V)	15	5	Cathode
Grid Control Ratio.	20		

<u>NOTES</u>	<u>DIMENSIONS</u>									
A. Cathode heating time : 30 secs. min.	See K1001/AI/D1.									
	<table border="1"> <tr> <td style="text-align: center;"><u>Den.</u></td> <td style="text-align: center;"><u>Min.</u></td> <td style="text-align: center;"><u>Max.</u></td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">-</td> <td style="text-align: center;">115</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">-</td> <td style="text-align: center;">50</td> </tr> </table>	<u>Den.</u>	<u>Min.</u>	<u>Max.</u>	A	-	115	B	-	50
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A	-	115								
B	-	50								

The valve is no longer in use and no tests are, therefore, specified.