

Specification MOS/CV402 Issue 3 dated 15/8/56 To be read in conjunction with K1001 and BS448		<u>SECURITY</u> <u>Specification</u> <u>Valve</u> Unclassified Unclassified	
Indicates a change ←			
TYPE OF VALVE - Gas-filled - Protective Spark - Gap ENVELOPE - Glass - unmetallised PROTOTYPE - VX. 4071		<u>MARKING</u> See K1001/4 <u>BASE</u> See BS448 B8 - 0/1.1	
<u>RATING</u>		Note	<u>CONNECTIONS</u> Pin Electrode
Max. Breakdown Voltage (kV) 8 Max. Mean Current (mA) 2 Max. Peak Current (A) 50		A	1 Lower Electrode 2) 3) 4) No Connection 5) 6) 7) 8 Lower Electrode TC Upper Electrode
<u>NOTE</u> A. Averaged over a period of 3 seconds.		<u>TOP CAP</u> See K1001/A1/5.1, except that height may be 10.3 mm. min. to 11.9 mm. max.	
		<u>DIMENSIONS</u> See K1001/A1/D1	
		Dimension mm	Min. Max.
		B	29.0 31.0
		C	- 35.0
		L	44.0 60.5
		Length excluding top cap and base	11.0 -

To be performed in addition to those applicable in K1001.

Test Conditions	Test			No. Tested	Note
		Min.	Max.		
a Voltage pulses of 1 μ sec. duration and FRF between 50 and 1500 to be applied, the slope of the voltage front near breakdown being 50-70 kV. per μ sec.	Breakdown Voltage (kV)	7.5	8.5	100%	1

NOTE

1. Test to be carried out after 7 days shelf life.