

Osram Valves

Made in England.



Maximum Dimensions :
Overall length (including pins)
112 m/m.

Diameter of bulb
45 m/m.

TYPE MHL4

MEDIUM IMPEDANCE TRIODE.

With Indirectly Heated Cathode.

(For operation from A.C. Mains).

The OSRAM MHL4 is an Indirectly Heated Cathode Valve suitable for filament heating through a transformer of suitable ratio from A.C. supply mains.

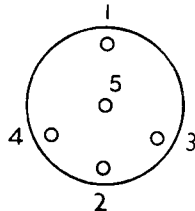
The valve provides characteristics intermediate between the High Amplification Factor and the very Low Impedance types. It is a very useful valve for circuits in which a high degree of voltage amplification combined with moderately low value of impedance is required, such as the stage preceding an L.F. transformer designed for a valve of about 8,000 ohms.

CHARACTERISTICS.

Heater Volts	4.0		
Heater Current	1.0 amp. approx.		
	Max.		
Anode Volts	250	150	100
Grid Volts	-6	-4	-3
(for operation in amplifier)			
Anode Current average	7.0 ma.	3.5 ma.	2.5 ma.
Amplification Factor	20
Impedance	} 8,000 ohms. 2.5 ma./v.
Mutual Conductance	

(measured at grid volts 0)

For prices see
pages 126-129.



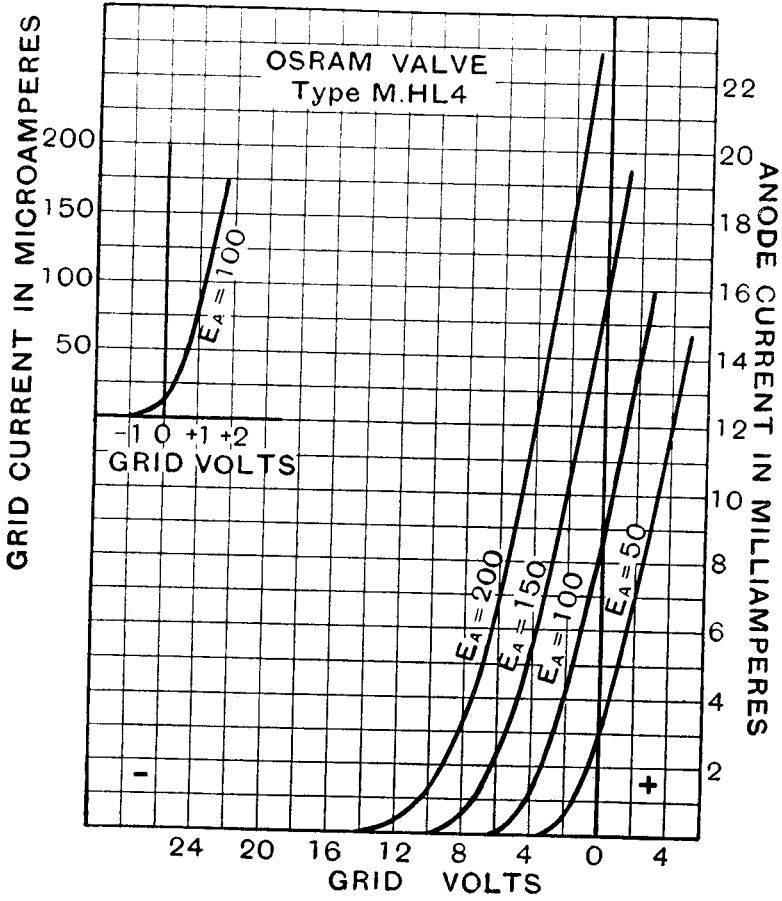
View looking on
underside of base.

BASE, 5-pin.

- 1: Anode
- 2: Grid
- 3: Heater
- 4: Heater
- 5: Cathode and Metallising

Type MHL4 has a carbonised bulb and can be supplied metallised if required.

TYPE MHL4



CHARACTERISTIC CURVES OF AVERAGE VALVE.