**VARIABLE-MU HEXODE**
**HEXODE à pente variable**
**HEXODE mit regelbarer Steilheit**

| | | |
|---|---|---|
| Heating : | Indirect ; A.C. ; parallel supply | |
| Chauffage : | Indirect ; courant alternatif ; alimentation en parallèle | Vf = 4,0 V<br>If = 0,65 A |
| Heizung : | Indirekt ; Wechselstrom ; Parallelspeisung | |

Capacities
Capacités
Kapazitäten

| | |
|---|---|
| $C_{ag_1}$ < 0,003 pF | $C_a$ = 15,3 pF |
| $C_{g_1}$ = 6,7 pF | $C_{g_1g_3}$ < 0,25 pF |

For use as H.F. control tube
Utilisation comme tube H.F. de réglage
Als H.F. Regelröhre

| | | | | | |
|---|---|---|---|---|---|
| $V_a$ | = | 250 V | $I_a$ | = 3 | — mA |
| $V_{g_3}$ | = | 80 V | $I_{(g_3+g_4)}$ | = 1,1 | — mA |
| $V_{g_4}$ | = | 80 V | S | = 1800 | 2 µA/V |
| $V_{g_1} = V_{g_2}$ | = | — 2 — 20 V | Ri | = 2 | > 10 MΩ |

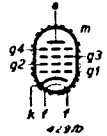
For use as modulator tube with separated oscillator
Comme tube modulateur avec oscillateur séparé
Als Modulatorröhre mit getrenntem Oszillator

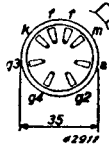
| | | | | | |
|---|---|---|---|---|---|
| $V_a$ | = | 250 V | $I_a$ | = 1,7 | — mA |
| $V_{g_2} = V_{g_4}$ | = | 80 V | $I_{(g_2+g_4)}$ | = 2,6 | — mA |
| $V_{g_3}$ | = | —12 V | Sc | = 550 | 2 µA/V |
| Vosc | = | 9 Veff | Ri | 2 | > 10 MΩ |
| $V_{g_1}$ | = | —2 — 24 V | | | |

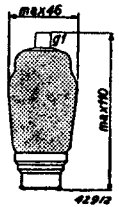
Limiting values
Limites fixées pour l'utilisation
Grenzwerte

| | | | | | |
|---|---|---|---|---|---|
| $V_{ao}$ | = max. 550 V | $V_{g_2} = V_{g_4}$ | = max. | 125 V |
| $V_a$ | = max. 250 V | $W_{g_2} = W_{g_4}$ | = max. | 0,5 W |
| $W_a$ | = max. 1,5 W | $I_k$ | = max. | 10 mA |
| $V_{g_2o} = V_{g_4o}$ | = max. 400 V | $R_{g_1k}$ | = max. | 2,5 MΩ |
| $V_{g_1}$ ($I_{g_1}$ = + 0,3 µA) | = max. —1,3 V | Vfk | = max. | 50 V |
| $V_{g_2}$ ($I_{g_2}$ = + 0,3 µA) | = max. —1,3 V | Rfk | = max. | 5000 Ω |

Electrode arrangement, base connections and max. dimensions in mm.
Disposition des électrodes, connexions du culot et dimensions max. en mm
Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.



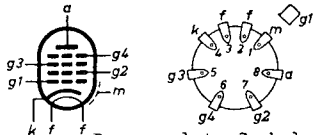



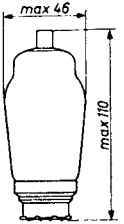



# HEXODE

Heating : indirect; parallel supply — $V_f$ = 4,0 V
Chauffage: indirect; alimentation- parallèle — $I_f$ = 0,65 A
Heizung : indirekt; Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm




Base, culot, Sockel: P

| Capacitances<br>Capacités<br>Kapazitäten | | |
|---|---|---|
| | $C_{g1}$ = | 6,7 pF |
| | $C_a$ = | 15,3 pF |
| | $C_{ag1}$ < | 0,003 pF |
| | $C_{g1g3}$ < | 0,25 pF |

Operating characteristics for use as mixer tube
Caractéristiques d'utilisation comme tube mélangeur
Betriebsdaten zur Verwendung als Mischröhre

| | | | | |
|---|---|---|---|---|
| $V_a$ | = | 250 | | V |
| $V_{g4}$ | = | 80 | | V |
| $V_{g2}$ | = | 80 | | V |
| $V_{g3}$ | = | -12 | | V |
| $V_{osc}$ | = | 9 | | $V_{eff}$ |
| $V_{g1}$ | = | -2 | -24 | V |
| $I_a$ | = | 1,7 | - | mA |
| $I_{(g2+g4)}$ | = | 2,6 | - | mA |
| $S_c$ | = | 550 | 2 | µA/V |
| $R_i$ | = | 2 | >10 | MΩ |

Limiting values
Caractéristiques limites
Grenzdaten

| | | | |
|---|---|---|---|
| $V_{a_o}$ | = max. 550 V | $V_{g2}=V_{g4}$ | = max. 125 V |
| $V_a$ | = max. 250 V | $W_{g2}=W_{g4}$ | = max. 0,5 W |
| $W_a$ | = max. 1,5 W | $I_k$ | = max. 10 mA |
| $V_{g2_o}=V_{g4_o}$ | = max. 400 V | $R_{g1}$ | = max. 2,5 MΩ |
| $V_{g1}(I_{g1}=+0,3\mu A)$ | = max.-1,3 V | $V_{kf}$ | = max. 50 V |
| $V_{g3}(I_{g3}=+0,3\mu A)$ | = max.-1,3 V | $R_{kf}$ | = max. 5 kΩ |


**AH1**

| page | sheet | date |
|---|---|---|
| 1 | 1 | 1947.12.01 |
| 2 | 1 | 1953.12.12 |
| 3 | FP | 1999.06.26 |