

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

Heating : Indirect ; A.C. ; parallel supply
 Chauffage : Indirect ; courant alternatif ; alimentation en parallèle $V_f = 4,0 \text{ V}$
 Heizung : Indirekte ; Wechselstrom ; Parallelspeisung $I_f = 0,65 \text{ A}$

Capacities
 Capacités $C_{g_1} < 0,003 \text{ pF}$ $C_a = 15,3 \text{ pF}$
 Kapazitäten $C_{g_1} = 6,7 \text{ pF}$ $C_{g_1 g_2} < 0,25 \text{ pF}$

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

$V_a = 250 \text{ V}$ $I_a = 3 \text{ mA}$
 $V_{g_2} = 80 \text{ V}$ $I_{(g_2 + g_1)} = 1,1 \text{ mA}$
 $V_{g_1} = 80 \text{ V}$ $S = 1800 \text{ } 2 \mu\text{A/V}$
 $V_{g_1} = V_{g_2} = -2 - 20 \text{ V}$ $R_i = 2 > 10 \text{ M}\Omega$

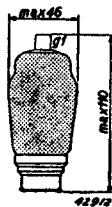
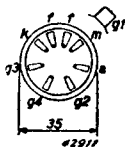
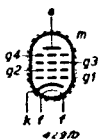
For use as modulator tube with separated oscillator
 Comme tube modulateur avec oscillateur séparé
 Als Modulatorröhre mit getrenntem Oszillator

$V_a = 250 \text{ V}$ $I_a = 1,7 \text{ mA}$
 $V_{g_2} = V_{g_1} = 80 \text{ V}$ $I_{(g_2 + g_1)} = 2,6 \text{ mA}$
 $V_{g_3} = -12 \text{ V}$ $S_c = 550 \text{ } 2 \mu\text{A/V}$
 $V_{osc} = 9 \text{ V}_{eff}$ $R_i = 2 > 10 \text{ M}\Omega$
 $V_{g_1} = -2 - 24 \text{ V}$

Limiting values
 Limites fixées pour l'utilisation
 Grenzwerte

$V_{a0} = \text{max. } 550 \text{ V}$ $V_{g_2} = V_{g_1} = \text{max. } 125 \text{ V}$
 $V_a = \text{max. } 250 \text{ V}$ $W_{g_2} = W_{g_1} = \text{max. } 0,5 \text{ W}$
 $W_a = \text{max. } 1,5 \text{ W}$ $I_k = \text{max. } 10 \text{ mA}$
 $V_{g_2,0} = V_{g_1,0} = \text{max. } 400 \text{ V}$ $R_{g_1 k} = \text{max. } 2,5 \text{ M}\Omega$
 $V_{g_1} (I_{g_1} = + 0,3 \mu\text{A}) = \text{max. } -1,3 \text{ V}$ $V_{fk} = \text{max. } 50 \text{ V}$
 $V_{g_2} (I_{g_2} = + 0,3 \mu\text{A}) = \text{max. } -1,3 \text{ V}$ $R_{fk} = \text{max. } 5000 \Omega$

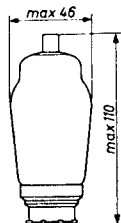
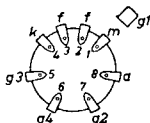
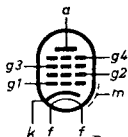
Electrode arrangement, base connections and max. dimensions in mm.
 Disposition des électrodes, connexions du culot et dimensions max. en mm.
 Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.



HEXODE

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

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: P

Capacitances
 Capacités
 Kapazitäten

$C_{g1} = 6,7 \text{ pF}$
 $C_a = 15,3 \text{ pF}$
 $C_{ag1} < 0,003 \text{ pF}$
 $C_{g1g3} < 0,25 \text{ pF}$

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
I_a	=	1,7	mA
$I_{(g2+g4)}$	=	2,6	mA
S_c	=	550	2 $\mu\text{A/V}$
R_i	=	2	>10 M Ω

Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a0}	= 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
$V_{g20}=V_{g40}$	= max. 400 V	R_{g1}	= max. 2,5 M Ω
$V_{g1}(I_{g1}=+0,3\mu\text{A})$	= max. -1,3 V	V_{kf}	= max. 50 V
$V_{g3}(I_{g3}=+0,3\mu\text{A})$	= max. -1,3 V	R_{kf}	= max. 5 k Ω

PHILIPS



*Electronic
Tube*

HANDBOOK

page	AH1 sheet	date
1	1	1947.12.01
2	1	1953.12.12
3	FP	1999.06.26