

PENTODE for use as L.F. amplifier and tuning indicator

PENTHODE pour utilisation comme amplificatrice B.F. et indicatrice d'accord

PENTHODE zur Verwendung als N.F. Verstärker mit Abstimmanzeiger

Heating: indirect by A.C. or D.C.;
parallel or series supply

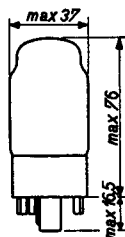
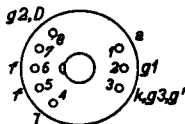
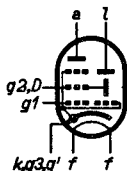
Chauffage: indirect par C.A. ou C.C.; $V_f = 6,3$ V
alimentation en parallèle $I_f = 0,200$ A
ou en série;

Heizung: indirekt durch Gleich- oder Wechselstrom;
Parallel- oder Serienspeisung

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Capacities
Capacités
Kapazitäten

$C_a = 6,6$ pF

$C_{g1} = 6,4$ pF

$C_{ag1} < 0,7$ pF

$C_{g1f} < 0,12$ pF

Operating characteristics
 Caractéristiques d'utilisation
 Betriebsdaten

$V_b=V_L$	=	250	V	
R_a	=	130	k Ω	
R_{g2}	=	350	k Ω	
R_k	=	650	Ω	
V_a	=	120	172	V
V_{g2}	=	30	166	V
V_{g1}	=	-1,5	-20	V
I_a	=	1,0	0,58	mA
I_{g2}	=	0,63	0,26	mA
I_L	=	0,65	1	mA
R_i	=	0,7	>3	M Ω
V_o/V_i	=	80	12	
$d_{tot} (V_o=5V_{eff})$	=	1,5	2	%
$d_{tot} (V_o=3V_{eff})$	=	1	1	%
β		70°	3°	

Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a_o}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	0,4 W
V_{g2_o}	= max.	550 V
V_{g2}	= max.	300 V
W_{g2}	= max.	0,2 W
V_{L_o}	= max.	550 V
V_L	= max.	300 V
V_L	= min.	150 V
I_k	= max.	4 mA
$V_{g1} (I_{g1}=+0,3 \mu A)$	= max.	-1,3 V
R_{g1}	= max.	3 M Ω
R_{fk}	= max.	20 k Ω
V_{fk}	= max.	100 V

PHILIPS



*Electronic
Tube*

HANDBOOK

page	EFM11 sheet	date
1	1	1948.09.16
2	2	1948.09.16
3	FP	1999.07.04