



KATODENSTRAHLRÖHREN für Oszillografie,
für niedrige Betriebsspannung

DG 7-31
DG 7-32
3 AMP1A

Heizung: indirekt durch Wechsel- oder Gleichstrom

$$U_f = 6,3 \text{ V} \quad I_f = 0,3 \text{ A}$$

Kapazitäten: DG 7-31 DG 7-32

C_{R1}	=	7,6 pF	7,6 pF
C_k	=	3,2 pF	3,2 pF
C_{D1}	=	2,5 pF	2,5 pF
$C_{D1'}$	=	2,5 pF	2,5 pF
C_{D2}	=	3,4 pF	3,7 pF
$C_{D2'}$	=	3,0 pF	3,0 pF
$C_{D1D1'}$	=	1,1 pF	1,0 pF
$C_{D2D2'}$	=	1,8 pF	1,7 pF

Fokussierung: elektrostatisch

Ablenkung: doppelt-elektrostatisch

D_1D_1'	symmetrisch
D_2D_2'	DG 7-31: asymmetrisch ¹⁾
	DG 7-32: symmetrisch

Betriebsdaten:

U_{g2+4}	=	500 V
U_{g3}	=	0...120 V ²⁾
$-U_{R1}(I_f=0)$	=	50...100 V
d_1	=	19...23 V/cm
d_2	=	33...42 V/cm

Linienbreite bei einem Kreis von 50 mm ϕ :

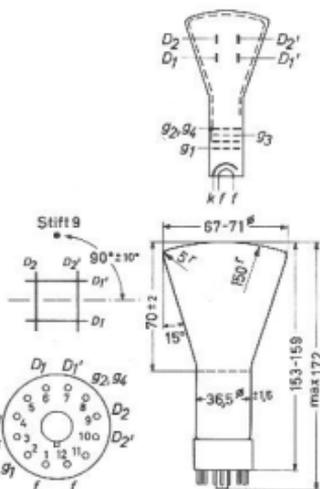
$$0,5 \text{ mm bei } U_{g2+4} = 500 \text{ V, } I_f = 0,5 \mu\text{A}$$

Grenzdaten:

U_{g2+4}	=max. 800 V	$U_{D1D1'ss}$	=max. 450 V
U_{g2+4}	=min. 400 V	$U_{D2D2'ss}$	=max. 750 V
U_{g3}	=max. 200 V ²⁾	N_f	=max. 3 mW/cm ²
$-U_{R1}$	=max. 160 V	N_{g2+4}	=max. 0,5 W
$+U_{R1}$	=max. 0 V	R_{g1}	=max. 0,5 M Ω
U_{fk}	=max. 125 V	R_D	=max. 5 M Ω

¹⁾ D_2 ist mit g_{2+4} zu verbinden.

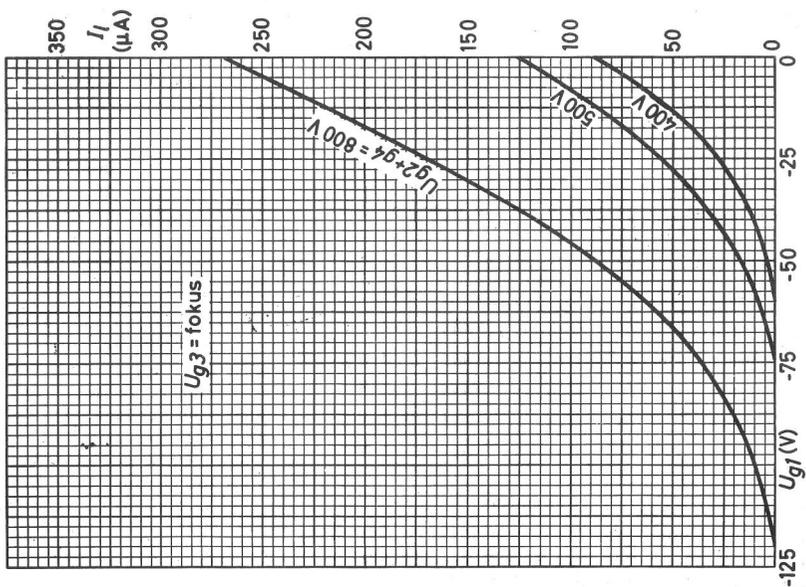
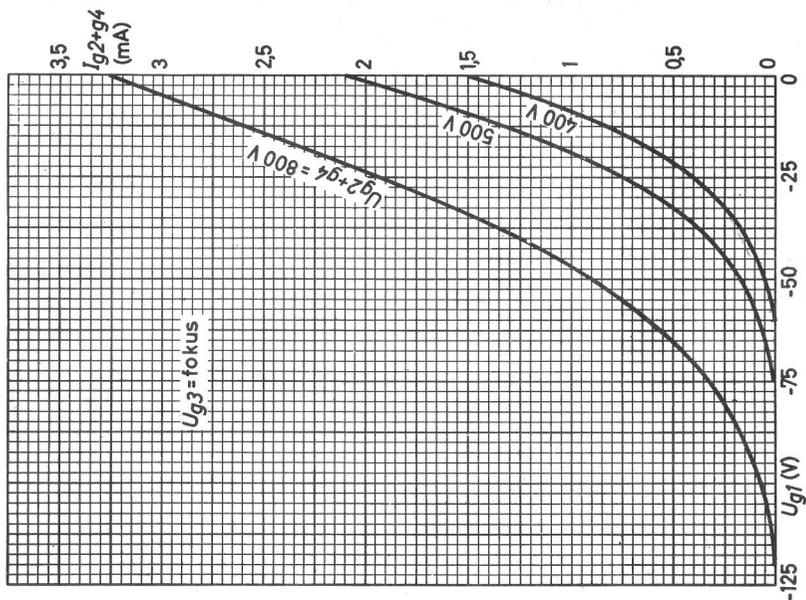
²⁾ Bei Berechnung des Spannungsteilers für die Spannung an g_3 muß I_{g3} mit min. -15 μA und max. +15 μA berücksichtigt werden.

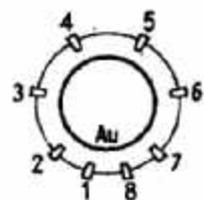


<u>Sockel:</u>	Duodekal
<u>Fassung:</u>	5912/20
<u>Abschirmung:</u>	55 530
<u>Gewicht:</u>	netto 120 g
	brutto 300 g
<u>Einbau:</u>	beliebig

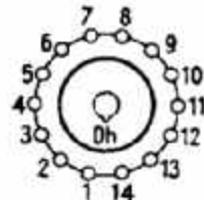
Zwischen Glas und Fluoreszenzschirm befindet sich ein mit g_{2+4} verbundener leitender Belag, der den Kontrast verbessert und ein hohes Potential von g_{2+4} gegen Erde gestattet, ohne daß Berührung der Schirmfläche das Bild verzerrt.

DG 7-31 DG 7-32

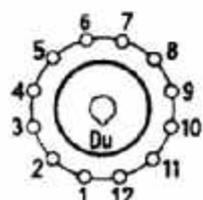




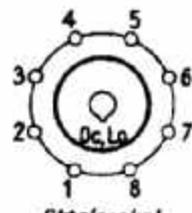
Außenkontaktsockel



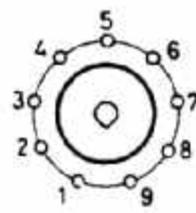
Diheatsockel



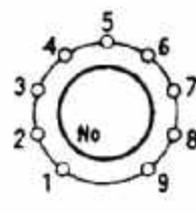
Duodekaisockel



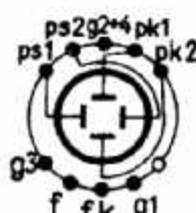
Oktalsockel/
Lokalsockel



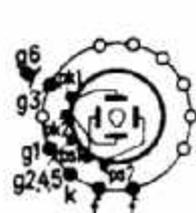
9 Strift-Lokalsockel
(Engl. Lactal 9-*nl*)



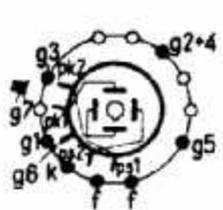
Novalsockel



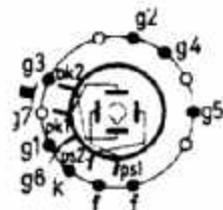
Dh59



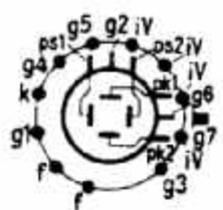
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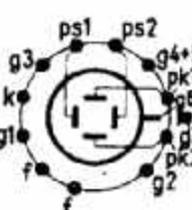
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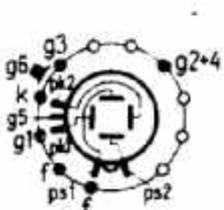
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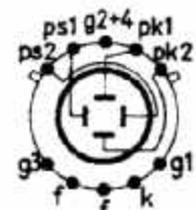
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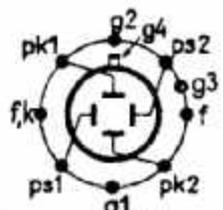
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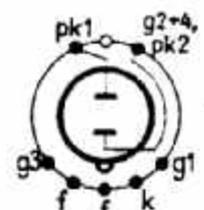
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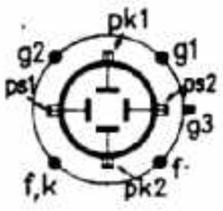
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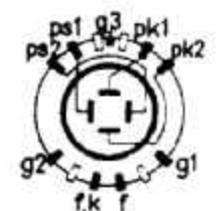
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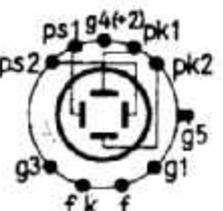
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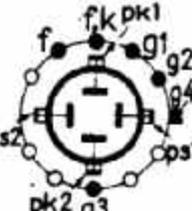
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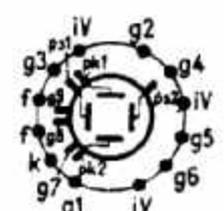
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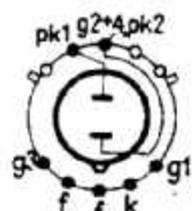
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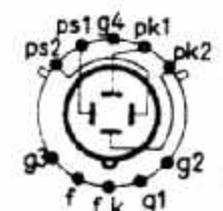
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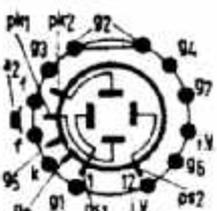
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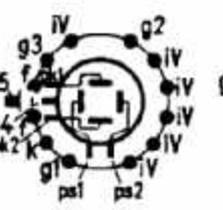
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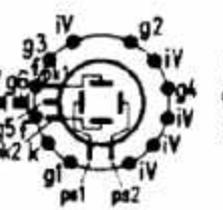
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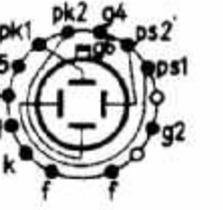
Sp67



Sp147



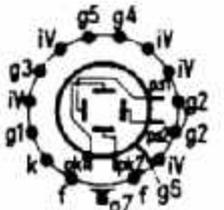
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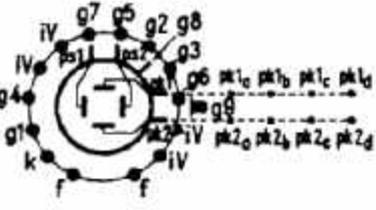
Sp149



Sp154a



Sp155



Sp156