

Type	Allgemeine Daten General data		Betriebswerte Typical operation	Grenzwerte Maximum ratings										
PFL 200 Endpentode/ Pentode mit getrennten Kathoden Endpentode für Video- Endstufen Pentode für getastete Schwund- regelung Synchronisier- stufe in FS-Empfängern Power pentode/ pentode with separate cathodes Video power pentode Pentode gated AGC	Dekal Größe 89 Outlines 89 Stift · Pin 1 g _{1F} 2 k _F g _{3F} 3 g _{2F} 4 a _F 5 f 6 f 7 k _L g _{3L} s 8 g _{1L} 9 g _{2L} 10 a _L	$I_f = 300 \text{ mA}$ $U_f \text{ ca. } 17 \text{ V}$ indirekt geheizt indir. heated	Endpentode als Video-Endröhre Video-power-stage $U_b = 220 \text{ V}$ $R_v = 560 \Omega$ $R_a = 2 \text{ k}\Omega$ $R_{g2} = 1 \text{ k}\Omega$ $R_k = 6,8 \Omega$ $U_{insp}^{1)} = (0,4...3) + (3...4) \text{ V}$ $U_{outspp} = 80 + 20 \text{ V}$	Pentode (F-System) $U_a = \pm 250 \text{ V}$ $N_a = 1,5 \text{ W}$ $U_{g2} = 250 \text{ V}$ $N_{g2} = 0,5 \text{ W}$ $I_k = 15 \text{ mA}$ $R_{g1} = 1 \text{ M}\Omega$ $U_{f/k} = 200 \text{ V}$ $R_{f/k} = 20 \text{ k}\Omega$ $R_{f/k} \text{ (AGC)} = 50 \text{ k}\Omega$										
		Pentode (F-System) $U_a = 150 \text{ V}$ $U_{g2} = 150 \text{ V}$ $U_{g1} = -2,1 \text{ V}$ $I_a = 10 \text{ mA}$ $I_{g2} = 3 \text{ mA}$ $S = 8,5 \text{ mA/V}$ $R_i = 150 \text{ k}\Omega$ $\mu_{g2g1} = 36$	$U_{insp}^{1)} = (0,4...3) + (3...4) \text{ V}$ $U_{outspp} = 80 + 20 \text{ V}$ ¹⁾ Momentanwerte von $U_{g1\sim}$ durch Bildinhalt und Synchronisier-Impuls Momentary value of $U_{g1\sim}$ by picture-information sync. pulse	Endpentode (L-System) $U_a = 250 \text{ V}$ $N_a = 5 \text{ W}$ $U_{g2} = 250 \text{ V}$ $N_{g2}^{2)} = 2,5 \text{ W}$ $I_k^{2)} = 60 \text{ mA}$ $R_{g1} = 0,5 \text{ M}\Omega$ $U_{f/k} = 200 \text{ V}$ $R_{f/k} = 20 \text{ k}\Omega$										
		Endpentode (L-System) $U_a = 170 \text{ V}$ $U_{g2} = 170 \text{ V}$ $U_{g1} = -2,6 \text{ V}$ $I_a = 30 \text{ mA}$ $I_{g2} = 7 \text{ mA}$ $S = 21 \text{ mA/V}$ $R_i = 33 \text{ k}\Omega$ $\mu_{g2g1} = 35$	Kapazitäten · Capacitances <table border="0"> <tr> <td>Pentode (F-System)</td> <td>Endpentode (L-System)</td> </tr> <tr> <td>$c_e = 10 \text{ pF}$</td> <td>$c_e = 13 \text{ pF}$</td> </tr> <tr> <td>$c_a = 10,5 \text{ pF}$</td> <td>$c_a = 7 \text{ pF}$</td> </tr> <tr> <td>$c_{g1/a} = 0,14 \text{ pF}$</td> <td>$c_{g1/a} = 0,1 \text{ pF}$</td> </tr> <tr> <td>$c_{g1/f} < 0,15 \text{ pF}$</td> <td></td> </tr> </table>	Pentode (F-System)	Endpentode (L-System)	$c_e = 10 \text{ pF}$	$c_e = 13 \text{ pF}$	$c_a = 10,5 \text{ pF}$	$c_a = 7 \text{ pF}$	$c_{g1/a} = 0,14 \text{ pF}$	$c_{g1/a} = 0,1 \text{ pF}$	$c_{g1/f} < 0,15 \text{ pF}$		²⁾ kurzzeitig short-time $N_{g2} \text{ max. } 3,2 \text{ W}$ $I_k \text{ max. } 85 \text{ mA}$
Pentode (F-System)	Endpentode (L-System)													
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