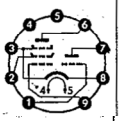
Type	Allgemeine Daten General data		Betriebswerte Typical operation	Grenzwerte Maximum ratings
PCL 81 (Fortsetzung) (continuation) pentode: vertical deflection power amplifier AF power amplifier			**Kapazitäten** · Capacitances **Triode** c_e ca. 1,8 pF c_a ca. 1 pF c_{ga} = 2,1 pF **Pentode** c_e ca. 9 pF c_a ca. 9 pF c_{g1a} < 0,45 pF	[1]) Impulszeit max. 10 % einer Periode, t_{max} = 2 ms Pulse time max. 10 % per period, t_{max} = 2 ms
PCL 81 Triode/Pentode Triode: Multivibrator NF-Verstärker Pentode: Vertikal- ablenk- Leistungs- verstärker NF-Leistungs- verstärker Triode/Pentode triode: mulitvibrator AF amplifier	Pico 9 Noval Größe 12 Outlines 12 Stift · Pin 1 g_T 2 g_2 3 k, g_3 4 f 5 f 6 a_P 7 a_T 8 k, g_3 9 g_1	I_f = 300 mA U_f ca. 12,6 V U_f = 12,6 V I_f ca. 300 mA indirekt geheizt indir. heated **Pentode** U_a = 200 V U_{g2} = 200 V U_{g1} = −7 V I_a = 30 mA I_{g2} = 5,3 mA S = 8,75 mA/V R_i = 22 kΩ	**Triode** **als NF-Verstärker** as AF amplifier U_b = 200 V U_g = −1,5 V R_a = 200 kΩ I_a = 0,5 mA V = 43 fach **Pentode als** **Tonfrequenz-Endröhre** as AF power tube U_a = 200 V U_{g2} = 200 V U_{g1} = −7 V I_a = 30 mA I_{g2} = 5,3 mA R_a = 6,7 kΩ $U_{g1\sim}$ (N) = 3,7 V_{eff} N (10 %) = 2,4 W $U_{g1\sim}$ (50 mW) = 0,4 V_{eff}	**Triode** U_a = 250 V N_a = 1 W R_g = 1,5 MΩ I_k = 8 mA I_{ksp} [1]) = 200 mA **Pentode** U_a = 250 V U_{asp} [1]) = 1500 V N_a = 6,5 W U_{g2} = 250 V N_{g2} = 1,5 W $N_{g2\,ausgest.}$ = 2 W R_{g1} = 1,2 MΩ I_k = 45 mA $U_{f/k}$ = 220 V $R_{f/k}$ = 20 kΩ