**Meß- und Betriebswerte**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Werte</th>
</tr>
</thead>
<tbody>
<tr>
<td>$U_a$</td>
<td>140 V</td>
</tr>
<tr>
<td>$U_{g2}$</td>
<td>170 V</td>
</tr>
<tr>
<td>$R_k$</td>
<td>160 $\Omega$</td>
</tr>
<tr>
<td>$I_a$</td>
<td>70 mA</td>
</tr>
<tr>
<td>$I_{g2}$</td>
<td>5 mA</td>
</tr>
<tr>
<td>$S$</td>
<td>10 mA/V</td>
</tr>
<tr>
<td>$R_i$</td>
<td>14 k$\Omega$</td>
</tr>
<tr>
<td>$U_{g2/g1}$</td>
<td>9 V</td>
</tr>
<tr>
<td>$U_{g1}$</td>
<td>$\leq +0,3 \mu A$</td>
</tr>
<tr>
<td></td>
<td>$-1,3$ V</td>
</tr>
</tbody>
</table>

**Grenzwerte**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Werte</th>
</tr>
</thead>
<tbody>
<tr>
<td>$U_{ao}$</td>
<td>550 V</td>
</tr>
<tr>
<td>$U_a$</td>
<td>250 V</td>
</tr>
<tr>
<td>$N_a$</td>
<td>10 W</td>
</tr>
<tr>
<td>$U_{g2o}$</td>
<td>550 V</td>
</tr>
<tr>
<td>$U_{g2}$</td>
<td>250 V</td>
</tr>
<tr>
<td>$N_{g2}$</td>
<td>1,75 W</td>
</tr>
</tbody>
</table>

$(U_{g1eff} = 0 V)$

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Werte</th>
</tr>
</thead>
<tbody>
<tr>
<td>$N_{g2}$</td>
<td>4 W</td>
</tr>
<tr>
<td>$I_k$</td>
<td>100 mA</td>
</tr>
<tr>
<td>$R_{g1}$</td>
<td>1 $\Omega$</td>
</tr>
<tr>
<td>$R_{g1}$</td>
<td>0,5 $\Omega$</td>
</tr>
<tr>
<td>$U_{fk}$</td>
<td>50 V</td>
</tr>
<tr>
<td>$R_{fk}$</td>
<td>20 k$\Omega$</td>
</tr>
<tr>
<td>$Kolben$</td>
<td>245 $^\circ C$</td>
</tr>
</tbody>
</table>

**Kapazitäten**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Werte</th>
</tr>
</thead>
<tbody>
<tr>
<td>$c_{es}$</td>
<td>13 pF</td>
</tr>
<tr>
<td>$c_{as}$</td>
<td>8 pF</td>
</tr>
<tr>
<td>$c_{g1/a}$</td>
<td>0,15 pF</td>
</tr>
<tr>
<td>$c_{g1/f}$</td>
<td>0,20 pF</td>
</tr>
</tbody>
</table>

**Sockelschaltbild**

**Pico 9 (Noval)**

Freie Stifte bzw. Fassungskontakte dürfen nicht als Stützpunkte für Schaltmittel benutzt werden.

Wenn notwendig, muß gegen Herausfallen der Röhre aus der Fassung Vorsorge getroffen werden.

**Gewicht max. 20 g**
\[ I_a, I_{g2} = f(U_{g1}) \]

\[ U_a = U_{g2} = \text{Parameter} \]

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**Diagram:**

- Solid line: \( I_a \)
- Dashed line: \( I_{g2} \)

**Axes:**
- \( U_{g1} \) (V) on the x-axis
- \( I_a, I_{g2} \) (mA) on the y-axis

**Legend:**
- \( 200 \text{ V} \)
- \( 170 \text{ V} \)