### Ziffernanzeigeröhren

<table>
<thead>
<tr>
<th>mit Farbfilter</th>
<th>Z 560 M</th>
<th>Z 566 M</th>
<th>Z 568 M</th>
<th>Z 570 M</th>
</tr>
</thead>
<tbody>
<tr>
<td>ohne Farbfilter</td>
<td>Z 5600 M</td>
<td>Z 5660 M</td>
<td>Z 5680 M</td>
<td>Z 5700 M</td>
</tr>
</tbody>
</table>

#### Anzeige
- **Symbol**
- **Leserichtung**
- **Höhe der Symbole in mm**
- **Betrachtungsabstand (max.) in m**

#### Kennwerte
- **Anodenzündspannung** $U_{an}$ in V
- **Anodenbrennspannung** $U_{ab}$ in V
- **Anodenlöschspannung** $U_{alösch}$ in V

#### Grenzwerte (absolut)
- **Betriebsspannung** $U_b$ min. in V
- **Katodenstrom** $I_k$ min. in mA
- **$I_k$ max. in mA**
- **Katodenspitzenstrom** $I_{ks}$ max in mA
- **Umgebungstemperatur**
  - **bei Lagerung** $t_{amb}$
    - min. in °C
    - max. in °C
  - **bei Betrieb** $t_{amb}$
    - min. in °C
    - max. in °C

### Tabelle

<table>
<thead>
<tr>
<th></th>
<th>Z 560 M</th>
<th>Z 566 M</th>
<th>Z 568 M</th>
<th>Z 570 M</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anzeige</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Symbol</strong></td>
<td>0 bis 9</td>
<td>0 bis 9</td>
<td>0 bis 9</td>
<td>0 bis 9</td>
</tr>
<tr>
<td><strong>Leserichtung</strong></td>
<td>frontal</td>
<td>seitlich</td>
<td>seitlich</td>
<td>seitlich</td>
</tr>
<tr>
<td><strong>Höhe der Symbole in mm</strong></td>
<td>15,5</td>
<td>30</td>
<td>50</td>
<td>13</td>
</tr>
<tr>
<td><strong>Betrachtungsabstand (max.) in m</strong></td>
<td>≈ 10</td>
<td>≈ 18</td>
<td>≈ 30</td>
<td>8</td>
</tr>
<tr>
<td><strong>Kennwerte</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Anodenzündspannung</strong> $U_{an}$ in V</td>
<td>145</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td><strong>Anodenbrennspannung</strong> $U_{ab}$ in V</td>
<td>135</td>
<td>140</td>
<td>140</td>
<td>140</td>
</tr>
<tr>
<td><strong>Anodenlöschspannung</strong> $U_{alösch}$ in V</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td><strong>Grenzwerte (absolut)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Betriebsspannung</strong> $U_b$ min. in V</td>
<td>170</td>
<td>170</td>
<td>200</td>
<td>170</td>
</tr>
<tr>
<td><strong>Katodenstrom</strong> $I_k$ min. in mA</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>1,5</td>
</tr>
<tr>
<td><strong>$I_k$ max. in mA</strong></td>
<td>2,5</td>
<td>6</td>
<td>7</td>
<td>2,5</td>
</tr>
<tr>
<td><strong>Katodenspitzenstrom</strong> $I_{ks}$ max in mA</td>
<td>10</td>
<td>20</td>
<td>25</td>
<td>12</td>
</tr>
<tr>
<td><strong>Umgebungstemperatur</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>bei Lagerung</strong> $t_{amb}$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- min. in °C</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>- max. in °C</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td><strong>bei Betrieb</strong> $t_{amb}$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- min. in °C</td>
<td>-10</td>
<td>-10</td>
<td>-10</td>
<td>-10</td>
</tr>
<tr>
<td>- max. in °C</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

Stift 8 | Stift 8 | Stift 10 | Draht 7
<table>
<thead>
<tr>
<th>Z 560 M</th>
<th>Z 566 M</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="Z560M.png" alt="Image" /></td>
<td><img src="Z566M.png" alt="Image" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Z 568 M</th>
<th>Z 570 M</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="Z568M.png" alt="Image" /></td>
<td><img src="Z570M.png" alt="Image" /></td>
</tr>
<tr>
<td></td>
<td>Z 560 M</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------</td>
</tr>
<tr>
<td>with contrast filter coating</td>
<td></td>
</tr>
<tr>
<td>without contrast filter coating</td>
<td>Z 5600 M</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td></td>
</tr>
<tr>
<td>Symbols</td>
<td>0 to 9</td>
</tr>
<tr>
<td>Viewing direction</td>
<td>end</td>
</tr>
<tr>
<td>Character height (mm)</td>
<td>15.5</td>
</tr>
<tr>
<td>Maximum viewing distance (m)</td>
<td>~10</td>
</tr>
<tr>
<td><strong>Typical values</strong></td>
<td></td>
</tr>
<tr>
<td>Ignition voltage</td>
<td>$V_{\text{ign}}$</td>
</tr>
<tr>
<td>Maintaining voltage</td>
<td>$V_{\text{maint}}$</td>
</tr>
<tr>
<td>Extinguishing voltage</td>
<td>$V_{\text{ext}}$</td>
</tr>
<tr>
<td><strong>Absolute limiting values</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum supply voltage</td>
<td>$V_{\text{supply}}$</td>
</tr>
<tr>
<td>Continuous current (mA)</td>
<td>$I_k$ min.</td>
</tr>
<tr>
<td></td>
<td>$I_k$ max.</td>
</tr>
<tr>
<td>Pulse current (mA)</td>
<td>$I_{kp}$ max.</td>
</tr>
<tr>
<td><strong>Ambient temperature (°C)</strong></td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>$t_{\text{amb}}$ min.</td>
</tr>
<tr>
<td></td>
<td>$t_{\text{amb}}$ max.</td>
</tr>
<tr>
<td>Operating</td>
<td>$t_{\text{amb}}$ min.</td>
</tr>
<tr>
<td></td>
<td>$t_{\text{amb}}$ max.</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pin 8</td>
</tr>
<tr>
<td></td>
<td>at top</td>
</tr>
</tbody>
</table>