

**ELECTRON RAY TUNING INDICATOR
INDICATEUR D'ACCORD A RAYONS ELECTRONIQUES
ELEKTRONENSTRAHL-ABSTIMMINDIKATOR**

Heating : Indirect ; A.C. ; parallel supply
 Chauffage : Indirect ; courant alternatif ; alimentation en parallèle
 Heizung : Indirekt ; Wechselstrom ; Parallelspeisung

$V_f = 4,0 \text{ V}$
 $I_f = 0,3 \text{ A}$

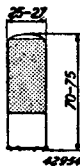
**Operating characteristics
Caractéristiques de service
Betriebsdaten**

| | |
|---------------|-------------------------------------|
| $V_b = V_i =$ | 250 V |
| $R_a =$ | $2 \text{ M}\Omega$ |
| $V_g =$ | $0 \text{ — } 5 \text{ V}$ |
| $\alpha =$ | $16 \text{ — } 90^\circ$ |
| $I_a =$ | $0,095 \text{ — } 0,021 \text{ mA}$ |
| $I_f =$ | $0,13 \text{ — } 0,14 \text{ mA}$ |

**Limiting values
Limites fixées pour l'utilisation
Grenzwerte**

| | |
|---------------------------------------|--------------------------------------|
| V_{a0} | $= \text{max. } 550 \text{ V}$ |
| V_a | $= \text{max. } 250 \text{ V}$ |
| V_{i0} | $= \text{max. } 550 \text{ V}$ |
| V_i | $= \text{max. } 250 \text{ V}$ |
| $V_{g1} (I_{g1} = + 0,3 \mu\text{A})$ | $= \text{max. } -1,3 \text{ V}$ |
| $R_{g,k}$ | $= \text{max. } 2,5 \text{ M}\Omega$ |
| V_{fk} | $= \text{max. } 50 \text{ V}$ |
| R_{fk} | $= \text{max. } 5000 \Omega$ |

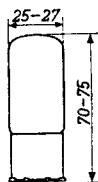
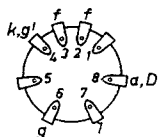
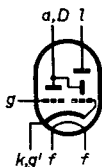
Electrode arrangement, base connections and max. dimensions in mm.
 Disposition des électrodes, connexions du culot et dimensions max. en mm.
 Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.



TUNING INDICATOR
INDICATEUR D'ACCORD
ABSTIMMANZEIGERÖHRE

Heating : indirect; parallel supply $V_f = 4,0 \text{ V}$
 Chauffage: indirect; alimentation- parallèle $I_f = 0,3 \text{ A}$
 Heizung : indirekt; Parallelspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: P

Operating characteristics
 Caractéristiques d'utilisation
 Betriebsdaten

| | | | |
|----------|---|------|---------|
| V_b | = | 250 | V |
| R_n | = | 2 | MΩ |
| V_{g1} | = | 0 | -5 V |
| α | = | 16° | 90° |
| I_{g1} | = | 95 | 21 μA |
| I_f | = | 0,13 | 0,14 mA |

Limiting values
 Caractéristiques limites
 Grenzdaten

| | | |
|-------------------------|--------|--------|
| V_{a0} | = max. | 550 V |
| V_a | = max. | 250 V |
| V_{f0} | = max. | 550 V |
| V_f | = max. | 250 V |
| $V_g(I_g = +0,3 \mu A)$ | = max. | -1,3 V |
| R_g | = max. | 2,5 MΩ |
| V_{kf} | = max. | 50 V |
| R_{kf} | = max. | 5 kΩ |

PHILIPS



*Electronic
Tube*

HANDBOOK

| page | AM1 sheet | date |
|-------------|----------------------|-------------|
| 1 | 1 | 1947.12.01 |
| 2 | 1 | 1953.12.12 |
| 3 | FP | 1999.06.26 |