



ELECTRONIC TUBE REFERENCE

AM2

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TUNING INDICATOR

Electron-ray tuning indicator combining a control triode with fluorescent display for visual tuning indication in AC-mains receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	P30	BASE PINS	—
NOMINAL HEATER	4 V / 320 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	25000 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	50
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.5 W
MAXIMUM CATHODE CURRENT	12 mA
<i>Electron-ray tuning indicator.</i>	

SECTION2 Tuning Indicator	
<i>No fixed ratings recorded.</i>	
<i>Fluorescent tuning-indicator section.</i>	

4 V electron-ray tuning indicator. Electrical ratings and operating characteristics were extracted from the supplied 4-volt valve data table, including the published heater data and available section-level values.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Philips Miniwatt Vacuum Tube Catalog

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	250 V	—
Triode current	3 mA	—
Control-grid voltage	-3 V	—
Screen voltage	250 V	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	2000 μ S	—
Amplification factor	50	—
Plate resistance	25000 ohm	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1999 PHILIPS 0-D

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	4 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	320 mA	—
Plate voltage	250 V	—
Grid voltage	-3.5 V	—
Plate current	3 mA	—
Transconductance	2000 μ S	—
Plate resistance	25000 ohm	—
Amplification factor	50	—

1999 PHILIPS 0-D

Section 2 · Tuning Indicator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Indicator supply voltage	250 V	—
Indicator grid voltage range	-6 to +3 V	—
Maximum indicator current	1 mA	—