

ELECTRONIC TUBE REFERENCE

REN1004

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Indirectly heated Telefunken mains-receiver triode with very low published transconductance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.00002 S
Published ratings and characteristics promoted from the supplied Telefunken source where explicitly readable. Telefunken REN1004 indirectly heated 4 V, 1 A receiving triode. Original approximate data indicate 100-200 V anode operating range and a published transconductance of 0.02 mA/V, equivalent to 0.000020 S. The operating-voltage range is not identified as an absolute maximum rating.	

Indirectly heated Telefunken mains-receiver triode with very low published transconductance.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	4 V	—
HeaterOrFilamentCurrent	1 A	—
PlateVoltageMinimum	100 V	—
Plate Voltage Maximum	200 V	—
Transconductance	20 μ S	Published as 0.02 mA/V