



## ELECTRONIC TUBE REFERENCE

## AF100

Voltage - Pentode High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

German high-transconductance pentode for professional high-frequency electronic equipment, providing substantial signal-current capability from a 4 V heater.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 8             |
| NOMINAL HEATER      | 4 V / 1 A         | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                  |          |
|----------------------------------------------------------------------------------|----------|
| SECTION 1 Pentode                                                                |          |
| TRANSCONDUCTANCE                                                                 | 0.0105 S |
| MAXIMUM PLATE VOLTAGE                                                            | 125 V    |
| <i>Published ratings and characteristic constants promoted where applicable.</i> |          |

AF100: pentode valve with published operating data and limiting ratings. The approved German-language datasheet was translated and interpreted by technical meaning.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 194X Wehrmacht Rohren

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

## 194X WEHRMACHT ROHREN

## Section 1 · Pentode

## CHARACTERISTICS

| PARAMETER        | PUBLISHED VALUE | CONDITION / NOTE |
|------------------|-----------------|------------------|
| Transconductance | 10500 $\mu$ S   | —                |

## OTHER

| PARAMETER             | PUBLISHED VALUE | CONDITION / NOTE |
|-----------------------|-----------------|------------------|
| Maximum anode voltage | 125 V           | —                |

## TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,  
and their source documents.

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