



ELECTRONIC TUBE REFERENCE

5734A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Medium-mu mechano-electronic triode transducer with actuating stylus, designed to convert mechanical displacement into electrical signals for industrial measurement.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	72000 Ω
TRANSCONDUCTANCE	0.000275 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	5 mA
<i>Published source ratings and characteristics promoted where applicable; additional electrical and operating data retained as parameters.</i>	

Medium-mu mechano-electronic triode transducer with actuating stylus for industrial measurement.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1964 RMA EIA

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

1964 RMA EIA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate supply voltage typical	300 V	—
Grid voltage	0 V	—
Plate current	1.5 mA	—
Load resistance	75 kohm	—
Angular plate-shaft deflection maximum	0.5 deg	—
Bulb temperature maximum	300 C	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection sensitivity	40 V/deg	—
Deflection sensitivity	2300 V/rad	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Mechano-electronic transducer	—