



ELECTRONIC TUBE REFERENCE

F9102

Specialized - Gauge Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GAUGE

Hot-filament ionization gauge tube designed for measuring low and very low gas pressures, with published collector voltage and calibrated ion-gauge sensitivity.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4.8 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Gauge

No fixed ratings recorded.

Published ratings and characteristics promoted where clearly stated; identical repeated sections compressed where applicable.

Ionization gauge tube for measuring low or very low gas pressures.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Gauge

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid voltage	200 V	—
Collector voltage	-50 V	—
Grid current	10 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Gauge

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	4.8 V	Published nominal or stated operating value
Heater or filament current	2.5 A	Published nominal or stated operating value
Pressure measurement range	1e-10–0.0001 Torr	Published useful range
Ion-gauge sensitivity	975 uA/Pa	Dry-air calibration; representative published condition

TUBE TINKER

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

