



ELECTRONIC TUBE REFERENCE

F9103

Specialized - Gauge Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

GAUGE

Hot-filament ionization gauge tube designed for low and very-low-pressure measurement in vacuum systems, with published dry-air sensitivity.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 2.4 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](#)

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	5 V	Published nominal or stated operating value
Heater or filament current	2.4 A	Published nominal or stated operating value
Pressure measurement range	1e-10–0.0001 Torr	Published useful range
Ion-gauge sensitivity	900 uA/Pa	Dry-air calibration; representative published condition