



ELECTRONIC TUBE REFERENCE

ZM1022P

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

NIXIE

Cold-cathode gas-discharge numerical or symbol indicator. Philips documentation supplies ignition, maintaining-voltage, cathode-current, operating, dimensional, and display information for its direct electronic character-readout function.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Nixie

No fixed ratings recorded.

Cold-cathode indicator section; published ignition, maintaining and current data retained as parameters.

Cold-cathode gas-discharge indicator tube for displaying numerals or symbols. Published ignition, maintaining-voltage, cathode-current, operating and dimensional information from the supplied Philips datasheet is captured.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Nixie

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Supply voltage min. 170 V	170 S	Supply voltage min. 170 V
Anode current, numerals 2 mA	2 A	Anode current, numerals 2 mA