

Cold-cathode numerical indicator documented by Lorenz and comparison sources. Selectable shaped cathodes produce directly visible glowing numerals; later comparison material associates it with the RFT Z560M display family without establishing exact electrical identity.

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

SECTION1	Nixie
MAXIMUM CATHODE CURRENT	2.5 mA
Cold-cathode glow-display section; maximum cathode current promoted from the comparable RFT data column.	

GN3 is a cold-cathode numerical indicator, classified as Nixie for this batch. The supplied sheet provides electrical operating/rating data and display information.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Lorenz

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

1955 LORENZ

Section 1 · Nixie

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal anode current	1.5 mA	—
Maximum mean anode current	2 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Nixie Random Datasheets

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

196X NIXIE RANDOM DATASHEETS

Section 1 · Nixie

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Supply Voltage	170 V	Published datasheet value
Maximum Cathode Current	4 mA	Published datasheet value
Normal/Recommended Cathode Current	2 mA	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Extinction Voltage	100 V	Published datasheet value



1971 Nixie RFT

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

1971 NIXIE RFT
Section 1 · Nixie

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Ignition Voltage	145 V	Comparable RFT type Z560M
Anode Burning Voltage	135 V	Comparable RFT type Z560M
Anode Extinction Voltage	120 V	Comparable RFT type Z560M

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Cathode Current	1 mA	Comparable RFT type Z560M
Maximum Cathode Current	2.5 mA	Comparable RFT type Z560M
Peak Cathode Current	10 mA	Comparable RFT type Z560M
Minimum Ambient Temperature	-50 degC	Comparable RFT type Z560M
Maximum Ambient Temperature	70 degC	Comparable RFT type Z560M
Symbol Height	15.5 mm	Comparable RFT type Z560M
Maximum Viewing Distance	10 m	Comparable RFT type Z560M
Maximum Bulb Height	26.5 mm	Comparable RFT type Z560M
Maximum Bulb Diameter	30.1 mm	Comparable RFT type Z560M

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