

# Dieter's Nixie Tube Data Archive

This file is a part of Dieter's Nixie- and display tubes data archive

If you have more datasheets, articles, books, pictures or other information about Nixie tubes or other display devices please let me know.

Thank you!

Document in this file	National Electronics – NL-876 – datasheet
Display devices in this document	NL-876

CONNECTIONS

FOR

NL 876 ELECTRONIC READOUT TUBE

(H&K Cat. #1M 19K641)

Ionization Voltage - 170V DC  
 Supply Voltage - 170 Minimum  
 Cathode Current - 1.5 to 3.5ma  
 Decimal Point Current - 0.2 to 0.5ma  
 Prebias Voltage - 50 to 120V DC  
 Dynamic Life - 200,000 hours approx.  
 Temp Limits - 20° C to + 55° C

Mounting: Vertical with base up

Operating Conditions:

Supply Voltage: 170V DC - 250V DC - 300V

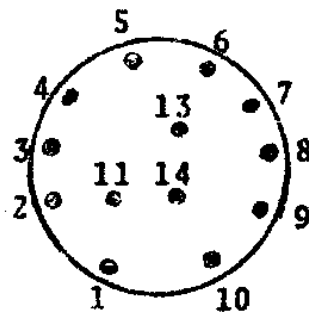
Anode Resistor: 8.2K ohms - 35K ohms - 62K ohms

Above values apply when decimal point is operated only when another character is on.

When decimal point is to be operated with or without another character on, use individual cathode resistors with no anode resistor.

Supply Voltage	-	170V DC	250V	300V
Numeral Resistor	-	10K	43K	62K
Decimal Point Resistor	-	72K	330K	500K

Base Connections



Base View

<u>Pin #</u>	<u>Connection #</u>
1	7
2	5
3	8
4	Anode (+ connection)
5	1
6	4
7	2
8	6
9	9
10	3
11	Decimal Point
12	N/C
13	0
14	Int. Connection