

INDICATOR DIGITAL IN-8

The indicator of a digital glow discharge with a lateral one having ten cathodes made in the form of Arabic numerals from 0 to 9 is intended for visual digital indication of electrical impulses (in the radio engineering industry).

1. Basic parameters

Indication current (for NIFR), mA, no more than	2.5
Discharge maintenance voltage anode - cathode, V, not more than	150
Discharge initiation voltage, V, not more than	170
Weight, g, no more than	13
Indicator length without pins, MM	50 +/- 5
Indicator diameter, MM	17 +/- 2

2. Maximum permissible values of parameters

electrical modes of operation

Supply voltage, V, not less than	200 *
Operating current (for-digits) mA	2.5-3.5
Ready time in the light, s, no more than	0.5

* Under normal climatic conditions 180V ~ 1mA is allowed.

3. Minimum operating time, shelf life

The minimum operating time is	10,000 hours
The shelf life is	12 years

4. Warranty statement

The manufacturer guarantees the compliance of each supplied indicator with all the requirements of the TU during the shelf life or minimum operating time within the shelf life, subject to the consumer's observance of operating modes and conditions, storage and transportation rules, as well as the instructions for exploitation established in the TU.

5. Information about operation

The indicator operation mode is recommended, in which the digital electrodes are periodically switched.

To ensure the correct position of the numbers, it is necessary to position the panel in such a way that the plane passing through the 6th slot and the middle between the I and II slots is perpendicular to the front panel.

It is recommended to operate the indicator in half-wave rectification mode without filter, $f = 50$ Hz (pulsating mode) at average current.

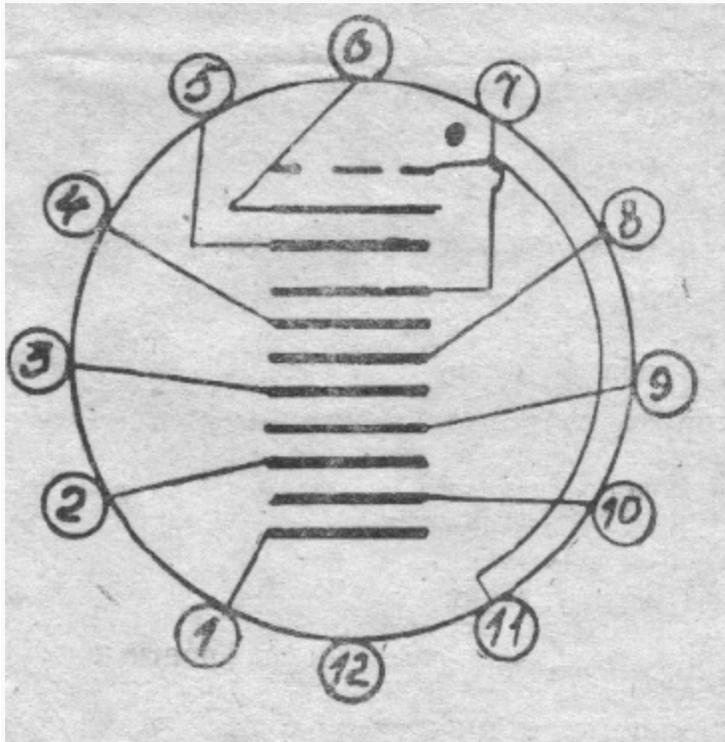
The following typical pulsed operating modes are recommended:

Parameter name	Mode A	Mode B
Voltage pulse amplitude, V	200	200
Voltage pulse duration, mS	0.1	1-2
Duty cycle	10	10
Amplitude of the current pulse, mA	10 (for numbers) 2.0 (for comma)	5 (for numbers) 1.0 (for comma)
Bias voltage (to "non-working" cathodes), V	80	80

6. Scheme of connecting electrodes with leads

<u>Pin number</u>	<u>Name of electrodes</u>
1	1st cathode
2	2nd cathode
3	3rd cathode
4	4th cathode
5	5th cathode
6	6th cathode
7	7th cathode
8	8th cathode
9	9th cathode
10	0th cathode
11	Anode
12	Absent

Pin location



Please return the label after the end of the indicator to the manufacturer, providing the following information:

1. The number of actual hours of operation.
2. Basic operating data.

Usman, printing house, order .V 5132 circulation 5000 85'y.