

## Limit Ratings

Minimum anode to cathode voltage to ensure breakdown (normal room illumination)	129 V ←
Maximum voltage across tube and 500 kΩ resistors to ensure tube extinguishes	105 V ←
Maximum potential difference between any two cathodes (Cathode resistors min. value of 300 kΩ)	120 V ←
Maximum total anode current	250 μA
Minimum total anode current	50 μA

## Characteristics

Running voltage at 60 μA 108 V approx.

## Recommended Operating Conditions

Anode current 60 μA

To ensure correct operation the cathode potential must change by a voltage  $V_o$  where :—

$$\begin{aligned} V_o &> V_s - V_x \\ &> 129-105, \text{ i.e., } 24 \text{ volts} \end{aligned}$$

$V_s$  = Striking voltage

$V_x$  = Extinction voltage

N.B. ← Indicates a change from previous data sheets.



# GR10A

(CV5291)

# 10-way Register Or Indicator Tube

## Mechanical Data

Mounting position

Any.

The tube is viewed through the dome of the bulb.

Alignment

Cathode No. 2 is aligned with pin No. 11 to an accuracy of  $\pm 12^\circ$ .

Weight

50 g.

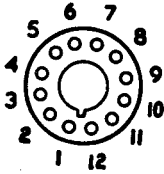
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N.80977.

Base

Duodecal.

Base Connections  
(underside view)



Pin 1	Cathode	1
2	"	0
3	"	9
4	"	8
5	"	7
6	"	6
7	"	5
8	"	4
9	"	3
10	"	2
11	—	
12	Anode	

