

CV430 / 29C1 – Saturated Diode



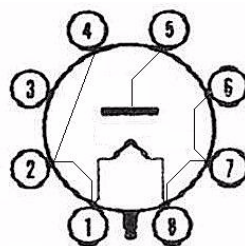
Tungsten filament saturated diode intended for use as sensing element in AC/DC voltage stabilizer circuits.

Electrode structure, with a small glass stem holding the spring tensioners of the filament, looks to be quite early. The same filament voltage, specified around 4 V, is typical of tubes made around the early 1930s. Probably a rebased version of an earlier type.

4 volts typical filament voltage, 800 mA typical current. 2 mA anode current at 100V supply. Emission starts at about 2.5 V filament supply.

6.5 mA/V typical slope of I_a/V_f characteristic. 3.2 $\mu\text{A}/\text{V}$ typical slope of I_a/V_a curve.

[CV430 spec sheet](#).



CV430