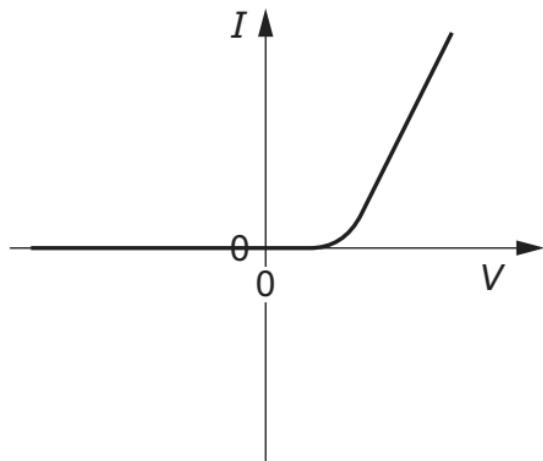


32 The graph shows the I - V characteristic of an electrical component.



What is the component?

- A a filament lamp
- B a metallic conductor at constant temperature
- C a resistor
- D a semiconductor diode

33 A metal wire of length 1.4 m has a uniform cross-sectional area of $3.8 \times 10^{-7} \text{ m}^2$