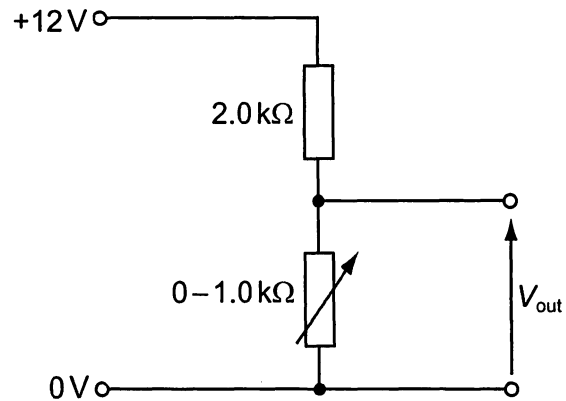


- 23 A potential divider circuit is set up across a 12V supply with a fixed $2.0\text{ k}\Omega$ resistor and a variable $0 - 1.0\text{ k}\Omega$ resistor.



The output voltage V_{out} can be varied between

- A 0 and 4.0V.
- B 0 and 8.0V.
- C 4.0V and 12V.
- D 8.0V and 12V.